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OF
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YEAR-BOOK
OF THE
ROYAL ASIATIC SOCIETY OF BENGAL
FOR 1940

[Vol. VII, 1941]



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1941

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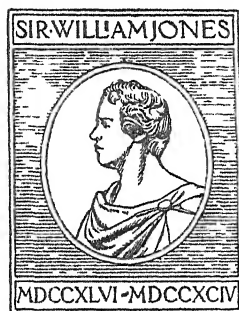
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ROYAL ASIATIC SOCIETY OF BENGAL

PRIVILEGES OF ORDINARY MEMBERS

- (a) To be present and vote at all General Meetings, which are held on the first Monday in each month except in September and October.
- (b) To propose and second candidates for Ordinary Membership.
- (c) To introduce visitors at the Ordinary General Meetings and to the grounds and public rooms of the Society during the hours they are open to members.
- (d) To have personal access to the Library and other public rooms of the Society, and to examine its collections.
- (e) To take out books, plates, and manuscripts from the Library.
- (f) To receive *gratis* copies of the *Journal*, *Year-Book* and *Memoirs* of the Society.
- (g) To fill any office in the Society on being duly elected thereto.

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PROCEEDINGS OF THE ANNUAL MEETING, 1941

FEBRUARY

The Annual Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 3rd February, 1941, at 5 P.M.

PRESENT

THE HON'BLE MR. JUSTICE JOHN LORT-WILLIAMS, Kt., K.C.,
President, in the Chair.

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Agharkar, Dr. S. P.	Ghose, Dr. S. K.
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Chopra, Dr. B. N.	Mazumdar, Mr. D. L.
Chopra, Bt.-Col. Sir R. N.	Meyer, Miss S.
Cleghorn, Miss M. L.	Mukherjee, Dr. J. N.
Culshaw, Rev. W. J.	Nag, Dr. K.
Datta, Mr. J. N.	Pasricha, Major C. L.
De, Mr. J. C.	Prashad, Dr. Baini
De, Mr. K. C.	Rahman, Prof. S. K.
Dutt, Mr. M. N.	Ramachandran, Mr. T. N.
Edgley, Hon'ble Mr. Justice N. G. A.	Ray Chaudhuri, Mr. H. C.
Ezra, Sir David	Saha, Dr. M. N.
Fawcett, Mr. L. R.	Singhi, Mr. Bahadur Singh
Ghatak, Prof. J. C.	Vedantatirtha, Mr. V.
Ghose, Dr. P. N.	West, Mr. W. D.

Visitors :

Akbar, Mr. Syed E.	Brown, Mrs. Percy
Banerji, Mr. G. N.	Chakravarti, Mr. P. K.
Banerji, Mr. P. N.	Chatterjee, Dr. B. K.
Bhattacharya, Mr. U. C.	Chatterjee, Mr. B. N.
Bhose, Mr. S.	Chatterjee, Mr. H. C.
Bingham, Mr. G. E.	Clark, Mr. T. W.
Bingham, Mrs.	Cleghorn, Miss O.
Biswas, Mr. P. C.	Datta, Mr. J. M.
Bose, Dr. S. R.	Das-Gupta, Mr. J.
Bose, Miss Indira	Das-Gupta, Miss Gayatri

David, Mrs. E.
 Devi, Miss Santa
 Devi, Miss Seeta
 Ezra, Lady
 Genge, Mr. G. R.
 Ghosh, Mr. D. N.
 Ghosh, Mr. R. C.
 Ghosh, Mr. S. C.
 Guha, Mr. Bhupendra S.
 Guha, Mrs. Uma
 Guha, Mr. S. S.
 Guthrie, Miss A.
 Guthrie, Mr. H.
 Hafiz, Mr. Q. A.
 Hosain, Mr. J. W.
 Huang, Mr. C. C.
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 Jacob, Mrs.
 Krishnan, Dr. K. S.
 Kumar, Mr. Gurudas
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 Maitra, Mr. S. N.
 Majumdar, Mr. G. P.

Mitra, Mr. A. K.
 Mitra, Mr. N.
 Mitra, Mr. P.
 Mitra, Mr. U. C.
 Mitter, Mr. B. C.
 Mukherjee, Mr. S. K.
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 Narayanan, Mr. T. G.
 Okazaki, Mr. K.
 Pandya, Dr. A. M.
 Pandya, Mrs.
 Paul, Mr. G. C.
 Rao, Dr. H. S.
 Ray, Mrs. I. R.
 Ray, Mr. S. N.
 Roonwal, Mr. M. L.
 Sen, Mr. A. C.
 Sen, Mr. H. C.
 Sen, Miss Usharani
 Sinha, Mr. D. V.
 Sinha, Mr. R. K.
 Thakur, Mr. S. P.
 and many others.

The President in declaring the Annual Meeting open said:—

‘LADIES AND GENTLEMEN,

Voting papers for the election of the new Council will be distributed to all the Ordinary Members present. I request the Ordinary Members present to deliver their votes in the collection boxes which will be sent round to them.’

After the distribution of the voting papers the President said:—

‘LADIES AND GENTLEMEN,

Have all votes been delivered? If yes, I call upon Mr. Hobbs and Dr. S. P. Agharkar to act as scrutineers.

I now call upon the General Secretary to present the Annual Report for 1940.’

The Annual Report was then presented (vide page 29).

After the presentation of the Annual Report, the President delivered the Annual Address (vide page 9).

After the reading of the Annual Address, the General Secretary transmitted to the President the result of the Council election. The President thereupon announced the results of the Council election (vide page 14).

The President for 1941 then briefly thanked the Society for his re-election, as follows:—

‘LADIES AND GENTLEMEN,

I have to thank you most heartily for the honour you have done me by re-electing me as your President for the ensuing year.

I will add no words other than those necessary to say that it will be my strenuous endeavour, during the new year, to serve the Society so that its usefulness, its renown and its influence may grow, and so that the cause of learning in this land and beyond its borders may be truly promoted.'

Then the President made the following announcements:—

'On the date prescribed by the regulations for the issue of nomination papers for the election of new Fellows for the year, there were no vacancies on the role, consequently no election of Fellows has taken place.'

'I have now to announce that no papers have been received in competition for the Elliott Prize for scientific research for the year 1940 which was for Mathematics.'

'The prize for 1941 will be for work in Chemistry regarding which a detailed announcement has been published in the *Calcutta, Bihar, and Orissa Gazettes*.'

'My next announcement regards the Sir William Jones Memorial Medal. This medal is awarded triennially for conspicuously important Asiatic Researches with reference alternately to (1) Science, including Medicine, and (2) Philosophy, Literature and History.'

'This year the medal is for Science and is awarded to:—

Sir Prafulla Chandra Ray, Kt., C.I.E., D.Sc., F.R.A.S.B.,
F.N.I.'

'In declaring the Annual Meeting dissolved, I now invite the members present to continue in Ordinary Monthly Meeting of the Society for the election of Members and transaction of business, and visitors to inspect the exhibits shown at the other end of the hall.'

(For the descriptive list of exhibits, see page 15.)

ANNUAL ADDRESS, 1940-41.

For some time past it has been the custom for your President to address to you at the Annual General Meeting a learned discourse upon some scientific or literary subject. Periodically this custom has not been observed, the reason being that a more urgent necessity of the time was the consideration of some fundamental question touching the well-being of the Society.

Such urgency came to a head two years ago, when uneasiness which had been growing for some time, was tentatively reflected in a most interesting address by your then President, Sir David Ezra. I believe that those reflections were approved by Mr. Johan van Manen, then General Secretary, whose experience of the Society was probably longer than that of most of us, and though I had never discussed the questions raised with either of them, I was surprised to find how singularly they coincided with views which I had formed independently. This coincidence confirmed me in my belief in the urgent necessity for a thorough enquiry into the aims and organization of the Society and, so to say, a general stock-taking.

For a very good reason, the dangers then suggested were not fully appreciated, those fundamental questions were left unanswered, and have not yet received the attention and consideration which they undoubtedly deserve, and which in my opinion they must have if this ancient Society is to retain its vitality and survive. The reason was that they were overshadowed by a more urgent problem, though incidentally one which was much easier to solve, namely, the apparent need for a thorough overhaul of what I may call the machinery of the Society, its administration and organization. It is unnecessary for me to recall the serious defects which were discovered after careful and thorough investigation, nor to repeat the story of the reforms which were undertaken and which are rapidly approaching completion, as is shown in detail in the Annual Report.

But organization, like patriotism, is not enough. The time has now come to face the more difficult problem of the future of the Society from the intellectual standpoint. I have not much faith in optimists, and find a thoroughgoing pessimist much more stimulating for thought. And if it be considered pessimistic to face difficulties frankly, then I must plead guilty to being a thorough pessimist. Spengler has described optimism as a form of cowardice, and in a matter so important for the well-being of this Society of which I am proud to be President, I am not in the least ashamed to repeat some of the remarks made two years ago by my predecessor, and in language upon which

I cannot hope to improve. My only regret is that he stole my thunder, and anticipated some of my arguments. Nevertheless, he has left to me the more important task of trying to suggest remedies which he frankly admitted that he could not attempt within the limited scope of his address. To avoid the unnecessary and useless task of translating his reflections into my own language, I will summarize them as follows.

The Society was born at a time when specialists and professional scholars worked with men of general culture in furthering 'the progress of science and literature'. The beneficent results of this co-operation were, a wider support for the Society both financial and social, work more readable, intelligible and acceptable to men and women of general culture, and the avoidance of over-specialization and technicality. World-tendency, however, is increasingly towards segregation and division into specialist groups and the creation of a multitude of societies and institutions, which in India are sometimes neither affluent, flourishing nor powerful, and consequently soon suffer from diminished support, and from Government's increasing difficulty in providing help for so many. Our Society has assisted in the birth of many such scholarly bodies and institutions, and this has caused necessarily some decrease in the support available for the mother Society.

In these circumstances our Society has to consider whether it has any longer any function to perform. In the opinion of my predecessor and emphatically in mine also, a Society such as ours is more urgently needed than ever before. It cannot be denied that the world is suffering from over-specialization. In industry it has produced a crop of evils, which are shaking the very foundations of our institutions and civilization. In science we have a multitude of experts, each pursuing with concentration his own particular path, sometimes regardless of efforts made in other branches of science, and often largely, if not wholly, ignorant of the results achieved. We have many analytical experts, but apparently no one capable of treating the product of this amazing toil synthetically, none able to survey the whole field and co-ordinate the results of specialized effort.

Now, as every living thing depends for progress, if not for existence itself, upon its ability to adapt itself to changed environment, so with Societies. This is an age of hurry, speed and complexity, but civilization depends upon leisure and contemplation. In every country we observe the expropriation by taxation, or by more violent methods, of leisured classes, but culture has always depended largely on members of those classes. It is an age of specialization, but, as Clive Bell said in 'Civilisation', 'The specialist is never completely civilised'. Even in our Society I observe a tendency towards over-specialization, and this must be resisted if we are to survive.

It is essential for us to realize clearly what our function is, and what our aim should be and to follow it consistently. Our original name was 'The Asiatic Society', and in my belief we should return to it with the addition of the prefix 'Royal'. It recalls the age of the Society and emphasizes the fact that our interests are not confined to Bengal or even India, but are general and unlimited so far at any rate as Asia is concerned. We must always lay stress on the universal scope of our activities and our study of all that is 'produced by nature or performed by man'. Every Asiatic subject is our province. Further, and this to my mind is still more important, we must concentrate upon our own interests to the exclusion of all else, and must not allow them to be in any way subservient to those of other bodies. We can no longer afford the blood-transfusion that we have suffered generously in the past. And above all we must seek greater support from the general cultured public. Our aim must be to provide something of which there is urgent need and which other Societies do not provide—a centre of general knowledge and culture. Ours should be a common platform upon which specialist and non-specialist can co-operate, where East can meet West and where the expert and the man or woman of broad culture can exchange views without embarrassment.

Our publications, again, should be such as will be readable by and intelligible to any man or woman of intellect and culture. Specialist scientific institutions and societies and the Universities and Departments of Government which publish the results of research, now absorb much of the material which used to be sent to our Society for publication. Science has developed a special terminology, almost what I may call a jargon of its own, which is unintelligible to anyone but an expert. It is probable therefore that the publication of the most important of such research work is not being and will not in future be offered to us, and, even if it were not so, the publication of such very technical and specialized work is unsuitable for a Society such as ours. In these circumstances, we must consider whether it will be in the interest of the Society to continue publication of this kind of material, or whether we should concentrate our energies more explicitly upon what may be called orientalist lines.

As the years have passed since first I became a member, I have noticed a slowly creeping inertia and lack of interest in our Society among the general body of our members, and an increasing interest on the part of specialists and professional scholars. The vivid general interest which created the Society and sustained it for so many years seems to have died away. Some members seem to regard membership merely as a badge of respectability, or social or intellectual superiority, or of learning, to be worn only on special occasions such as this. Some

seem to allow themselves to be over-persuaded to accept membership, in which they have no real or sincere interest and which they have no serious intention either of using or retaining. Our monthly meetings are feebly supported, I think the average attendance is about a dozen. Some even of the general lectures which have been arranged have lacked support.

I am quite sure that to a large extent the explanation is that the ordinary members have felt a lack of interest in the subject-matter of some of the papers read and the lectures delivered, and I will go so far as to admit frankly that I have often sympathized with them, partly because the papers have been the result of specialized scientific research, and not easily understandable even by intelligent and cultured men or women and partly because the subject seemed to be so far removed from those vital matters which absorb our attention to the exclusion of all else in this modern and rapidly changing world. The objects of our Society are not limited to a Museum or a Library or even to Publications of international repute but above all include the provision of a centre for the promotion of broad and general culture and civilization. India itself is in rapid evolution, and there is pressing need of a centre for the discussion of such of its vital problems as are within our province as a learned Society. I am of course aware that such matters as party politics, sectarian religion, and all such questions as are liable to excite angry discussion are and always should be outside our province. But political, economic and social science, comparative religion, philosophy, the ancient and modern literature of East and West, Art in general, even the science of Government, and in fact all such subjects as are within the province of the cultured man, are fit matters for study and discussion by members of our Society.

The question arises whether the cultured man, the intellectual, the man of broad general culture is not gradually becoming extinct. Whether in this world of trouble and unrest, in this tremendous and amazing period of transition his place has not been taken by those much less pleasing figures, the 'intelligentsia'. One thing seems to me quite plain—that the local support of European men of culture, to which the Society owes its creation and to a great extent its importance and success in former years, is fast disappearing, owing to vastly increased and increasing facilities for transport and communication. In the history of the world culture and civilization always have depended upon a nucleus of men who have enjoyed a certain amount of leisure. Without some leisure there cannot be either civilization or culture. The leisure which the European used to spend in India is now more often spent in Europe and there is an increasing tendency for him to devote his time and energy while in India to the development of his business or the practice of his profession and the preservation of his health, and to postpone intellectual

endeavour and cultural activity until the day when he returns either temporarily or permanently to his native land. His eyes are always upon the western horizon. In these circumstances it is clear that the future of the Society must depend, more and more as the years pass, on Indian men and women of culture and intelligence. The torch is falling into their hands, and they are faced with a serious challenge. It would be a sad thing if the future produced only specialists and professional scholars, and men of broad culture disappeared from the Indian scene. Such a possibility is not improbable. For many years to come the vital energies of Indians who are not engaged in specialist research or professional work will be absorbed largely in party political matters and industrial expansion.

These then must be the aims and objects of all our efforts as members of this ancient cultural Society. To maintain a meeting place for cultured man, to preserve and encourage the growth and extension of Asiatic culture and to provide an active, vital centre for study and discussion, and the materials for that study of which we already possess so great and so valuable a store.

My object this evening has been to stimulate thought. The position is precarious. Time is short. We must act quickly. I hope and trust that I am mistaken in my belief that the first signs of rot in our Society's constitution are already perceptible. But lest my suspicions be justified, I beg of you all and especially the members of your Council and your Officers to set your minds on the consideration and solution of this important problem with the same zeal, energy, concentration and sound judgment as has been devoted to our labours of reorganization.

JOHN LORT-WILLIAMS.

CALCUTTA,

3rd February, 1941.

OFFICERS AND MEMBERS OF COUNCIL.

ROYAL ASIATIC SOCIETY OF BENGAL, 1941.

*Elected and announced in the Annual Meeting,
3rd February, 1941.*

President.

The Hon'ble Mr. Justice John Lort-Williams, Kt., K.C.

Vice-Presidents.

Bt.-Col. Sir R. N. Chopra, Kt., C.I.E., M.A., Sc.D., M.D.,
I.M.S., F.R.A.S.B., F.N.I.

C. S. Fox, Esq., D.Sc., M.I.Min.E., F.G.S., F.R.A.S.B., F.N.I.

Syamaprasad Mookerjee, Esq., M.A., B.L., D.Lit., Barrister-at-Law.

Sir S. Radhakrishnan, Kt., M.A., D.Lit., F.B.A.

Secretaries and Treasurer.

General Secretary:—B. S. Guha, Esq., M.A., Ph.D., F.R.A.S.B., F.N.I.

Treasurer:—Baini Prashad, Esq., D.Sc., F.Z.S., F.R.S.E., F.R.A.S.B., F.N.I.

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Joint Philological Secretary:—M. Mahfuz-ul Haq, Esq., M.A.

Natural History Secretaries { Biology:—Kalipada Biswas, Esq., M.A., D.Sc.
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Medical Secretary:—Major C. L. Pasricha, M.A., M.B., B.Ch., M.R.C.S., I.M.S., F.N.I.

Library Secretary:—J. N. Mukherjee, Esq., D.Sc., F.G.S., F.R.A.S.B., F.N.I.

Other Members of Council.

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M. Z. Siddiqi, Esq., M.A., Ph.D.

C. W. Gurner, Esq., B.A., I.C.S.

The Hon'ble Mr. Justice N. G. A. Edgley, M.A., Barrister-at-Law, J.P.

EXHIBITION ANNUAL MEETING.

LIST OF EXHIBITS SHOWN AT THE ANNUAL MEETING OF
THE ROYAL ASIATIC SOCIETY OF BENGAL ON THE
3RD FEBRUARY, 1941.

1. ARCHAEOLOGICAL SURVEY OF INDIA.

I. *Inscribed plaque from Mahasthan, Bogra District, Bengal.*

Inscription in Brāhmī characters of the Mauryan period (3rd century B.C.) recording an order issued from Puṇanagala (Punḍra-nagara = Puṇḍravardhana = Mahasthan) for helping people in distress with corn and coins.

II. *Inscribed bowl of grey schist from Dir State, N.W. India.*

Contains a small inscription in Kharoshthī characters mostly of the Kushana period, reading as 'Jayatasa 4 sahirana (?)'. The language is the North-Western variety of Prakrit.

2. GANENDRA NATH BANERJEE.

1. Replica of Ganesh—Prom-Penh Museum (Cambodgienne).
2. Lion—Brass Lion Pedestal. Bengal.
3. Vishnu—Bangkok (Thailand).
4. Portion of stupa—Gandhara.
5. Wooden mask of makara (Bali.)

3. BANGIYA SAHITYA PARISHAD.

Manuscripts of a little-known printed work :—

- I. *Sringararasapaddhati*—copied from an edition printed in 1840.
- II. *Sringaratilakapaddhati*—copied from an edition printed in 1856.

These manuscripts of one and the same work, published under different names, contain the Bengali translation of a Sanskrit work. For details cf. C. Chakravarti—*Sahitya Parisat Patrika*, 39, pp. 258-9.

4. PERCY BROWN.

(LENT BY RAI BAHADUR RADHA KRISHNA JALAN OF
PATNA CITY.)

Painted Cloth from Nepal.

Two borders of cloth, each over 20 feet in length, and painted with a long series of figure-subjects evidently illustrating some mythological or historical subject fully described by inscriptions. The technique is 'egg tempera' and it was executed probably in the 18th century, if not earlier. It appears to be of Nepali origin.

5. CALCUTTA UNIVERSITY—CURATOR, ASUTOSH MUSEUM OF INDIAN ART.

*A Vishṇu Paṭṭa in black stone. Found in Bogra, Bengal.
Date c. 10th or 11th century A.D.*

Both the obverse and the reverse of the Paṭṭa are decorated with beautiful carvings. The uppermost corners of the obverse are occupied by two flying Gāṇa figures and in the rectangular compartment between them is seen the Seated Lakshmi with two elephants pouring water on her (Gaja-Lakshmi). The square in the middle is occupied by Vishṇu seated on a lotus-throne. On two sides of Vishṇu Gaṅgā and Yamunā are standing in Tribhaṅga pose. Below Vishṇu is seen Garuḍa, on two sides of whom are two Gāṇa figures in crouching pose. Almost the whole of the reverse is covered with a ten-petalled circular lotus; each petal is slightly hollowed and in the cavity thus formed the ten Avatāras of Vishṇu are shown in relief.

6. SUNITI KUMAR CHATTERJI.

*A Selection of Ivory and Horn Work.**I. Indian, including Nepali and Ceylonese.*

1. Mother and Child. Old, folk-art of primitive style. Ivory relief plaquette, South India, Tamil Land.

2-3. Pair of Ivory Plaques forming Hill of Dagger. Figures of Nude Women in dancing pose. Old, North Indian, probably Rajputana (Jaipur) work.

4. Standing Figure of Man with a long Bow. (Top of Bow damaged). Old, Bengal (Murshidabad) work.

5. Seated Figure of Vaishnava Teacher. Modern, Bengal (Murshidabad) work.

6. Standing Hanuman. Modern, Andhra or Telugu (Vizagapatam) work.

7. Seated Ganesa. Modern. Travancore (Trivandrum) work.

8. Standing Krishna. Modern. Travancore (Trivandrum) work.

9. Standing Nayar Woman. Modern. Trivandrum.

10. Tamil Bride, Standing Figure. Modern. Trivandrum.

11. Palhiyandavar, or Young Skanda as Sivaite Mendicant. Modern. Trivandrum.

12. Buddha and Sujata. Modern. Nepal (Kathmandu).

13. Standing Buddha, with painted wooden Background. Old. Kandy.

II. *Burmese.*

14-15. Horseman and Elephant-rider. Chess Figures in Old Style. Modern. From Rangoon.

III. *Javanese.*

16-17. Two carvings in Deer Horn. Human Figures in Primitive style as Seal Handles. Sundanese (West Javan) work.

18. Seal Handle in Buffalo Horn. Bust of Figure in *Wayang Purwa* or Classical Theatre Dress. East Javanese work.

IV. *Chinese.*

19-20. Two of the *Pa Hsien* or Eight Immortals. Old. Painted in Brown Patina. South China work.

V. *Japanese.*

21. Chinese Sage. Modern.

22. Girl binding her sash. Modern.

7. GEOLOGICAL SURVEY OF INDIA.

The Sulphur Problem in India.

Map showing occurrences of sulphur, pyrite and gypsum in India.

Specimens:—

Sulphur, Baluchistan

Sulphur, Afghanistan

Pyrite, Bihar

Pyrite, Simla

Chalcopyrite, Singhbhum, Bihar

Pyrrhotite, Bihar

Gypsum, Salt Range, Punjab

Gypsum, Bikanir State, Rajputana

Gypsum, Nr. Rikhikesh, U.P.

8. DR. MRS. EILEEN W. E. MACFARLANE.

I. *Photographs of some Aborigines connected with the Blood Grouping in India.*

1. Card I. Taking and testing Munda bloods, Singhbhum Dist., Behar. (Photos by C. Cleghorn.)

2. Card II. *Malabar and Travancore—Western Ghats.*

Kanakars, Paniyans and *Nayadi* woman. Malayalam-speaking, wandering agriculturalists and hunters. Probably possess Negrito and Australoid strains. Show least of Blood Group B in India and most of Group A.

3. Card III. *Eastern Ghats, south Hyderabad State.*

Chenchus—nomadic food hunters without agriculture. Telugu-speaking but related to tribes of Western Ghats. Show Australoid features. Belong mostly to Groups O and A with Group B coming in by racial crossing. Different physical types shown and two persons afflicted with Yaws. View of their jungle shows *Bauhinia Vahlia* W. & A, giant liana whose seeds they eat. From it the Birhor (Card V) make string, rope and baskets. Note round thatched wattle huts.

4. Card IV. *Eastern Ghats—Bastar State.*

Gadba girls, Koraput District, wearing home-spun, dyed and woven cloths.

Bison Head Maria Gonds—Gondi-speaking, primitive agriculturalists and hunters. Fiery tempered tribe, several convicted murderers met in Jagdalpur Jail. Women shown in hostel of Government Yaws Clinic. Blood Groups O, A and B about equally distributed as in Mundas.

5. Card V. *Chota Nagpur.*

Birhor (Forest Men)—complete nomads and food hunters, no agriculture and no shelters but tents of leafy branches as shown. Speak a Mundari dialect. Make string, nets and baskets from liana bark to sell. Relish monkey flesh. Show Australoid features. Small camp visited in Singhbhum District. No bloods taken.

6. Card VI. *Chota Nagpur—Mundas of Singhbhum Dist.* Primitive agriculturalists and hunters. Blood groups show they are related to Maria Gonds.7. Card VII. *Chota Nagpur—Oraons of Ranchi Dist.* Primitive agriculturalists and hunters. Dancing scenes and physical types. Belong chiefly to Blood Groups O and B.8. Card VIII. *Bengal—Immigrant Oraons, labourers in 24-Parganas Dist.* Note man with frizzy hair. Differ in blood group distribution from neighbouring Mundas.

Bagdi boy and child, 24-Parganas Dist. Agriculturalists with aboriginal affinities.

9. Card IX. *Aurangabad District, Deccan—Bhils, primitive agriculturalists and hunters.* Younger men shown are descended from converts and are now called Mohammedan Bhils. Small group showed over 50% in Group B.

Banjaras—carriers by trade, nomads now settling down to be cultivators. Blood groups show a north Indian strain—not aborigines. Note women's elaborate costumes.

10. Card X. *Darjeeling District, North Bengal.*

Nepalese women and a *Lepcha* girl at Kalimpong. Mongoloid hill people. Differ from Bengalees in having more of Group A than Group B. Have less of B than Bengalees but more than Tibetans.

11. Card XI. *Tibet, Sikkim and Bhutan—Bhutias, the Mongoloid Mountain folk.*

Like other isolated peoples they belong chiefly to Groups O and A, but Group B is coming in through racial crossing with Chinese and Nepalese.

12. Card XII. *Khasi Hills, Assam*—*Khasi* young people and megaliths, Cherrapunji. Blood Group distribution resembles that in Tibetans. Mongoloid Hill people.

II. *Prehistoric Cyst Grave, excavated. Near Hyderabad City, Deccan. Photographed March, 1940.*

9. ROYAL BOTANIC GARDEN, CALCUTTA.

I. *Tung-oil yielding Plants Cultivated in India.*

Experiments on the cultivation of some of the Tung-oil yielding plants in the Royal Botanic Garden, Calcutta during the last half a century and sufficient data collected from the experimental cultivation in Assam, Behar, Bengal, Mysore and Burma indicate that cultivation of Tung-oil trees on a commercial scale will be successful in India.

Sketches of the different species of Tung-oil yielding plants together with actual specimens are exhibited. Fruits and seeds of *Aleurites Fordii* and *Aleurites montana* are also displayed.

A map showing the distribution of Tung-oil trees in their original habitat is also exhibited.

II. *Some Rare Plants of the Botanical Garden.*

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| 1. <i>Saccolabium guttatum</i> —
<i>Rhyncostylis retusa</i>
Blume. | East Indies and Malaya. Hardy garden epiphytic Orchid. Introduced—1932. |
| 2. <i>Dracaena</i> sp. (Showing
bud mutation.) | The green plant has given out a variegated branch which can be taken out and propagated as a garden variety. |
| 3. <i>Lycopodium phlegmaria</i> L. | India and Malaya. Introduced from Assam in 1939. The species can be propagated from cuttings and layering. |
| 4. <i>Primula obconica</i> Hance .. | This was introduced from China and are grown from seeds. These can be seen in the Eastern Himalaya. |
| 5. <i>Begonia hydrocotylifolia</i>
Otto. | Mexico. This can be grown from seeds as well as from cuttings. Introduced in 1900. |
| 6. <i>Saxifraga purpurascens</i>
Hook. | Region Himalaya. This can be grown as an annual in Calcutta. |
| 7. <i>Ananas sativus</i> Schult var.
variegata. | America. This was introduced in 1926. The fruit is insignificant. This can be propagated from the cuttings as well as from the buds that develop under the fruit. |
| 8. <i>Mammillaria tenuis</i> D.C. | Mexico. This plant was introduced in this garden at about 1840. The plant can be produced both from seeds and cuttings. Flowers many, creamy during April to July. |

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| 9. | <i>Echinocactus tubiflorus</i> Hort. | Mexico. The seed was brought from Germany in 1933 and the plant was raised. |
| 10. | <i>Echinocactus sp.</i> .. | This was raised from seeds in 1933. Seeds obtained from Germany. |
| 11. | <i>Echinocactus LeContei</i> Engelm. | Mexico. This is a gigantic species, raised from seeds, obtained from Germany in 1932. |
| 12. | <i>Nepenthes Khasiana</i> Hook.f. | Assam. Insectivorous plant. Introduced from Assam. Can be propagated from air layering. |
| 13. | <i>Gymnogramme Calomelanos chrysophylla</i> Kaulf. | West Indies. Gold Fern. |
| 14. | <i>Adiantum tenerum</i> var. Farleyense. | Sterile fern received from West Indies. This is propagated by division. |
| 15. | <i>Adiantum Lathomii</i> var. .. | A sterile sport from <i>A. Lathomii</i> separated in this garden. This can be propagated by division only. |
| 16. | <i>Nephrolepis Marshalli</i> .. | A garden variety of compact and delicate habit. |

10. SCHOOL OF TROPICAL MEDICINE.

I. Serological Method of Blood Taking and Blood Grouping.

- 1-2. Two diagrams of serological constitution of blood groups.
3. A model of one of the diagrams.
4. Potain's Aspirator for taking blood in a closed system without much discomfort to the donor.
5. Cellophane bag for concentrating plasma.

II. *Trichophyton crateriforme* Bodin, 1902.

The fungus is recorded for the first time in India and is responsible for causing ringworm infection of the scalp in a group of girls in a board School in Calcutta.

In 1845 Malmsten first described the disease as *Trichophyton tousurans*. The fungus belongs to the class—Hyphomycetes. Genus *Trichophyton*

Cultural characters:—Early culture shows a round growth with a velvety surface; with age, the centre becomes raised and forms a central depression giving the appearance of a crater of volcano and hence the name crateriforme.

Pathogenicity:—Causes ringworm of the scalp, clinically indistinguishable from other form of Trichophytosis.

III. Oriental Sore.

1. A case (Photograph) showing lesion on nose.
- 2B. The causal organism as seen in tissues and in cultures.

IV. *Acute Infective Jaundice.*

1. *Leptospira icterohaemorrhagiae*, the spirochaete responsible for the disease in the tissues of experimentally infected animals.
2. *Leptospira* as seen in culture under the dark ground illumination.

V. *Rat bite fever.*

1. Cases (coloured plates) showing lesions at the site of bite.
2. *Spirillum Minus*, the causative organism as seen in the blood and peritoneal fluid of the infected mice.

11. BAHADUR SINGH SINGHI.

Farman of the Mogul Period.

1. Farman granted by Jalalu-d-din Muhammad Akbar Shah Badshah Ghazi to Bhagwan Qanungo of the Subah of Bengal when he presented himself in the Imperial presence; in recognition of his loyalty, faithfulness and best services, confirming his appointment of the office of Qanungo which he held and issuing the Imperial edict to all concerned to work in collaboration with him and also to take his decisions in all affairs concerning the land affairs of the Subah and granting the sum of Rupees Two thousand seven hundred and fifty and Seven thousand Bighas of cultivable land in Mahal Monohar-shahi as reward besides the customs due and available to the Qanungo; dated the 7th day of the month of Aban-e-Ilahi in the regnal year 36 equivalent to 11 Zilhaj, Hijri year 999.

Bearing the seal of the Emperor.

Reverse

Entry of the Prime Minister Saif-al-din Fateh Khan,
Paymaster-General Shaikh Farid Khan and Raja Todarmall.
Bearing seals of Farid Khan, Asaf Khan and Todarmall.

2. Farman granted by Jalalu-d-din Muhammad Akbar Badshah Ghazi, appointing Qazi Nizam to the office of the Qanungo of Bijnor. His duties will be to collect the revenues, encourage the ryots to settle there and generally look after the welfare of the people. Dated 29 Rabi II, 978 A.H. (September 1570 A.D.)

Bears the Emperor's seal.

3. Farman granted by Nuru-d-din Muhammad Jahangir Badshah Ghazi to the principal officers of the State. They are not to introduce any innovations in the established practice and procedure of the administration and are to refrain from levying certain specified taxes. Dated 10 Amardad 19 Ilahi (1605 A.D.)

Bears the *tughra* and the seal of the Emperor.

4. Farman granted by Abu-al-Zafar Muhi-ud-din Muhammad Aurangzeb Alamgir Badshah to Mu'taminu-d-Daulah. Desires him not to give any definite reply to Ghalib Khan who has offered to win over the Qilahdar of Sholapur to His Majesty's side, for His Majesty has already commissioned Adil Khan for the task. Wants him to give an appointment to Bahlol's son and assure him of the royal favour. Eraj Khan is appointed governor of Berar in place of Shahbaz Khan, deceased. Leaves it to his discretion either to re-appoint Persu, Yusuf and Karan to the cavalry or to dismiss them.

The services of the 900 musketeers already with him and 1,000 men that are being sent there under Mustafa Khan shall be retained till the expedition comes to a successful close. Their pay will be met from the Imperial Treasury. Dated the 22nd Jumada II, 3 Julius (1661 A.D.).

Bears the Emperor's autograph and seal.

5. Farman granted by Abu-al-Zafar Muhi-ud-din Muhammad Aurangzeb Alamgir Badshah appointing Shaikh Imadud Din the Qazi and Muhtasib of pargana Sandela in *sarkar* Lucknow. He is granted 200 bighas of land out of the pargana for his services and is forbidden to levy unauthorized cesses. Includes other instructions. Dated 11 Rajab 23 Julius (July 1681 A.D.)

Bears the seal of the Emperor.

6. Farman granted by Abul Fateh Nasir-al-din Muhammad Shah Bahadur Badshah Ghazi, in regard to the office of Kanungoi of half the province of Bengal, fallen vacant on the death of Darp Narain, to which his son Ishwar Narain, like the deceased, on the acceptance of Peshkash of Rupees Ten lakhs by the Imperial Court, was appointed, with the same privileges as before and with the order that he shall carry on fully the duties assigned to that office; dated 17th Safar in the regnal year 8.

Bearing the seal of the Emperor.

Reverse

Bears the seals of Minister Emad-al-daulah Qumar-al-din Khan Chin Bahadur Nusrat Jung and Raja Amar Singh, son of Raja Raghunath.

7. Farman granted by Abu Nasar Moin-al-din Muhammad Akbar Shah II, Emperor of Delhi, conferring honour on Syed Jafar Ali Khan Bahadur by bestowing upon him the title of Zulfekar-al-dowlah Muzaffar Jung and ordering the Imperial Princes, Wazirs and all concerned to use this style in addressing the aforesaid Khan. Granted on 27th day of Zilhaj in the regnal year 1.

Bearing the seal of the Emperor.

8. Farman granted by Abu Nasar Moin-al-din Muhammad Akbar Shah II, Emperor of Delhi, conferring on Muhammad Taqi Khan the title of Bahadur Bahram Jang and on Syed Muhammad Khan the title of Iquidar-al-dowlah Bahadur Karim Jang and on Syed Mutlab Khan the title of Mukram-al-daulah Bahadur Asud Jang and on Syed Muhammad Reza Khan the title of Fakhr-al-dowlah Bahadur Shumsher Jang and on Syed Muhammad Hadi Khan the title of Imtiaz-al-dowlah Bahadur Bahadur Jang and on Syed Ashkari Khan the title of Nusrat-al-daulah Bahadur Munir Jang and directing the Royal Princes and the Ministers and the grantees of eminence and all concerned with the Imperial Court as also the administrators of the provinces to conform submissively to the Imperial order hereby given at an auspicious moment under the Imperial seal on the 8th of Safar-al-Muzaffar in the regnal year 11.

Bearing the seal of the Emperor.

As by this one Farman titles have been conferred on six different personages of the Emperor's Court, it is presumed that this Farman is a Court copy for preservation in the Imperial archives and also to be used for the purpose of proclamation from the Grand staircase of the Jumma Masjid on the day of the conferment of the titles.

9. Farman granted by Ghazi-al-din Haidar, Nawab of Lucknow, granting on his accession to the throne an annuity of Rupees Two thousand four hundred to the divine Moulvie Syed Muhammad Baker

and Maulavi Saiyad Muhammad Sadiq, sons of the great divine Maulavi Saiyad Muhammad Saheb with effect from the 28th Rabi-ul-awal Hijri year 1248.

Bearing the seal of the Emperor.

12. ZOOLOGICAL SURVEY OF INDIA.

I. *The Real Sacred Sinistral Chank and its Model.*

To the religiously-minded who seek to possess a Dakshināvarta Shankha or the sinistral chank at any cost, the model exhibited here should serve as a warning. The sinistral chank is an extreme rarity, one in about six million normal dextral shells of the sacred chank fishes being of the abnormal sinistral form. When it is remembered that during the last 300 years of chank-fishing on the Indian coasts only 120 sinistral shells have been obtained according to an authoritative estimate, the rarity of the Dakshināvarta Shankha is beyond question.

The model prepared for exhibition in the Invertebrate Gallery of the Indian Museum and exhibited here with the original is a good imitation of the latter, and no one with a sincerely religious mind would care to test the genuineness of his would-be treasure by dropping it on a piece of granite or by using against it the hammer.

The left-handed Chanks are known to the Tibetans as *ya chvil dung-Kar*, to the Chinese as *Yu hsuan pai-lei*, and to the Tamils as *Valampuri Sangu*. They form an important part of the treasures of rich and orthodox households, temples, and mutts to which they are often dedicated as offerings by the devotees.

A good-sized sinistral shell of quality may fetch a price varying from Rs.500 to Rs.5,000 depending on the weight of the shell in tolas.

II. *Specimens of Bark Cloth from India and Oceania.*

The use of bark of various trees, for purposes of clothing was very extensive in ancient times and references were made in the Ramayana (I. 1) and Mahabharata (I. 157. 1-2). At the present time its use is restricted to several aboriginal tribes of India, the Andaman and the Nicobar Islands, Malaysia, Melanesia, Africa, and Central and South America.

Specimens of bark cloth of the Garos (Assam), the Kadars (South India), Nicobarese, the Malays, the Javanese, Fijian and the Polynesians (Hawaii) are exhibited here.

The bark of the trees used are: (i) Prap (*Ficus Rumphi*), (ii) Chram (*Artocarpus Chaplasha*), (iii) Pakram (*Cordia liliac folia*), (iv) Dumbri (*Ficus Glomerata*), (v) Anisep (*Kydia Calycini*) in the Garo hills; Arayiru (*Antiaris Toxicaria*) among the Kadars; *Ficus brevicuspis* among the Nicobarese; and paper Mulberry (*Morus papyrifera*, *Broussonetia papyrifera*) in Melanesia and Polynesia.

They were used originally as clothing but now mostly as sleeping mats and blankets.

The method used for preparing the bark is everywhere the same with minor variations. It may roughly be described as follows:—A young and a straight branch is cut off and subjected to a thorough pounding by a smooth stick after which a pointed stick is run along the whole length of the branch under the bark which is split open and pulled off. The outer layers of the green bark are carefully shaved off until the reddish brown fibre is exposed. This is then laid on a smooth surface and well pounded from one end to the other,

running along, and not across the fibre, with a serrated mallet. When this is done it is doubled over lengthwise and again beaten and the process is repeated until the bark is reduced to a thick mass of fibre. The layers of the fibre are then unfolded and the moisture wrung and dried in the sun.

In cases of large ones, the pieces are either struck together by gum or sewn. In Malaysia barks are soaked in water for several days before being beaten to obtain the necessary colours. In Melanesia and Polynesia, the barks, after being prepared are ornamented with designs made from natural dyes.

The whole process of the manufacture of bark cloth is carried out by both men and women except in Melanesia and Polynesia where the art is confined to women.

III. *Artificially Deformed Skull of a Chinook from the Columbia River, Oregon, N. America.*

The practice of the artificial deformation of skull was resorted to in ancient times and is still found among many tribes.

There are several methods by which skulls can be artificially deformed affecting different regions of the skull, e.g. occipital, frontal, occipito-frontal, fronto-sincipito-occipital, etc.

Of the occipito-frontal deformations one is known as: (1) 'couché' or flat, and (2) the other is 'dressée' or erect. Both are prevalent among the Chinooks of Oregon, who live in the Columbia River valley.

The skull exhibited is of an adult Chinook, presumably male, and was acquired from the American Museum of Natural History of 1882. It shows occipito-frontal deformation of the 'dressée' type. The forehead and the back part of the skull are so flattened that the cranial vault has acquired a peculiar shape, rising steeply to the back.

There is a broad depression on the anterior part of the parietal bones reaching to the squama of the temporal bone. Traces of other depressions are noticeable running backwards from above the ear-holes. There are traces also of an injury on the top of the right parietal bone, partially healed.

The accompanying sketches show how artificial deformation of skulls is brought about by swathing the head of the new-born baby in bandages, or fixing it between wooden boarders for several months. The custom was prevalent in Pre-Columbian times among the tribes of Peru, North Mexico, the old Cliff-dwellers and Mound-builders in Florida and among the Calchaqui in Argentine. It is still found among the Apaches Navahos, Pueblo-Indians, etc. In Europe it is practised in Southern France, Normandy, Brittany, etc.

13. ROYAL ASIATIC SOCIETY OF BENGAL.

I. *Some interesting Manuscripts with paintings, etc., from the Arabic and Persian Section.*

(1) *Qur'ān Sharif*.—A copy notable for its superb calligraphy. The entire copy of the Qur'ān is written in 32 foll. Each *pāra* is practically completed in two pages, and a very interesting feature of the MS. lies in the fact that each line starts with *alif*.

(2) *Shāhnāma*.—An old copy of the great work of Firdausi Tūsī in 2 vols. containing 60 illustrations. It was written in A.H. 1017–A.D. 1608. (Repaired in 1937.)

(3) *Tafsīr-i-Qur'ān*.—An early Persian commentary on the Qur'ān by Muḥammad b. Maḥmūd Nishāpūrī in 2 vols. The copy, an excellent specimen of the calligraphic art of Khorāsān, is written by an expert scribe, 'Alī b. Muḥammad b. Aḥmad al-adīb al-Bukhārī Sayyidū'l-Khaṭṭāt, in A.H. 685—A.D. 1286. (It was repaired in 1940.)

(4) *Al-Ikhtisār wa't-Tajrīd*.—An autograph copy by Muḥammad bin Uthmān-al-Khalīlī. It is a work on tradition, compiled in A.H. 728—A.D. 1328.

(5) *Al-Jam'bayna's-Ṣaḥīḥayn*.—A copy of the rare work on tradition by Muḥammad bin Abī Naṣr Futūḥ al-Andalusī, who died in A.H. 488—A.D. 1095. This MS. is stated to have been collated with the autograph copy in Damascus by the Khatīb of the mosque in A.H. 711—A.D. 1311. (It was repaired in 1935.)

II. Some old Sanskrit Manuscripts.

(1) *Kuṭṭanimata*.—It is about 750 years old.

(2) *Naiṣadha-carita (with commentary by Narahari)*.—This copy was made about 400 years ago. (Repaired in June 1940.)

(3) *Bṛhatī or Prabhākaramīmāṃsā*.—The author is Prabhākaramiśra. This manuscript is also about 400 years old. This is probably the only MS. containing the first six chapters of this work, now extant.

(4) *Bhāṣavāṭī by Satānanda with commentary by Balabhadra Dai-vajña*.—The author of this astronomical work is older than Bhāskarācārya. The manuscript is about 250 years old.

(5) *Commentary on Aṣṭasāhasrikā-prajñāpāramitā by Maitreya*.—It is a work on Bauddha philosophy. No other copy is probably extant.

III. Old and rare printed books traced in the Library of the Society.

1. Baldaeus: *Description of East India, Coasts of Malabar, Coromandel and Ceylon, and of the Idolatry of the Pagans in the East Indies*, Vol. III, pp. 563–901. London, 1703.

The book contains description of the kingdoms of South India and Ceylon in the 17th century; their cities, chief harbours, temples, products and living creatures, as well as manners and customs of the inhabitants. The book contains maps and sketches 'drawn to the life and cut in copper-plates'.

2. Pozzo: *Rules and Examples of Perspective proper for Painters and Architecture, etc.* London, 1707.

The book deals with the 'Rules and examples of perspective proper for painters and architects, etc., in English and Latin'. It contains 'a most easy and expeditious method to delineate in perspective all designs relating to architecture, after a new manner, wholly free from the occult lines by that great Master, Andrea Pozzo, Soc. Jes., engraved in 105 ample folio plates, and adorned with 200 initial letters to the explanatory discourses'.

The book is dedicated to 'Her Most Sacred Majesty Queen Anne' by the translator, John Strut.

3. *A short History of the East India Company and of their trade to India and China*, Second Edition, London, 1793.

The book gives 'a short history of the East India Company exhibiting a state of their affairs, abroad and at Home, political and commercial; the nature and magnitude of their commerce, and its relative connection with the Government and revenues of India, and a discussion on the question of right to the conquered territories in India; also remarks on the danger and impolicy of innovation, and the practical means of ensuring all the good effects of a free trade to the manufacturers of Great Britain and Ireland, by matter of Regulation, without disturbing the established system'.

The book is by F.R.

4. Wilks: *Report on the Interior Administration, Resources and Expenditure of the Government of Mysore under the System prescribed by the orders of the Governor-General in Council, dated 4th September, 1799.* Fort William, 1805.

The author of the book is Major M. Wilks, 'of the establishment of Fort St. George, Acting Resident at Mysore'. It was 'printed by the order of the Governor-General in Council, Fort William, 4th May, 1805'.

The book deals with the report on the state of affairs of Mysore immediately after the Mysore War and contains statements of the gross revenues and disbursements from the year 1799 to 1803.

It is written on the title page that the book is a 'present to the Asiatic Society by Lord Wellesley, 3rd July, 1805'.

5. Warren Hastings: '*A narrative of the Insurrection which happened in the Zemcedary of Banaris in the month of August, 1781, and of the Transactions of the Governor-General in that District; with an Appendix of authentic papers and Affidavits*'. Roorkee, 1853.

The first edition of this book was published by order of the Governor-General in 1787, but the copy of the Society is a re-printed edition of the same at the C.E. College Press, Roorkee, 1853.

The author's name does not appear on the title page, but the first letter that appears after the title page and the Introduction, both bear the signature of Warren Hastings. It was written 'to guard the minds of my superiors against the suspicions to which all great political movements are liable, especially such as pass at a distance from observation, and are attended with violent convulsions, or revolutions in any of the great dependencies or relations of Government, and to which from their conformity to that description my late transactions in Banaris were particularly exposed'.

6. Colebrooke: *A Grammar of the Sanskrit Language.* Vol. I (printed at the Honourable Company's Press, Calcutta, 1805).

Colebrooke's Sanskrit Grammar is the first of its kind to be printed and published. The author was a great Sanskrit scholar, who was the President of the 'Asiatick Society' of Bengal from 1806 to 1815 and the founder of the Royal Asiatic Society of Great Britain and Ireland, and his grammatical observations are noteworthy. The work is exceedingly scarce and difficult to obtain. It appears that only Volume I was printed.

IV. The Society's Publications in 1940.

(1) Journal:—

(a) Letters, (b) Science, (c) Year-Book.

(2) Memoirs.

(3) Bibliotheca Indica:—

- (a) Arabic and Persian.
- (b) Sanskrit.
- (c) Sanskrit and Tibetan.
- (d) English Translations.
- (e) Lushai-English.
- (f) Maithili.

(4) Catalogue of Manuscripts :—
Sanskrit.

ANNUAL REPORT FOR 1940.

The Council of the Royal Asiatic Society of Bengal has the honour to submit the following report on the state of the Society's affairs during the year ending the 31st December, 1940.

During the year the re-organization and overhauling of the work of the Society recommended by the Special Enquiry Committee was steadily pursued and though a great deal still remains to be done before the task can be completed, sufficient progress was made to ensure efficient administration and to recover in a great measure the ground lost during past years. With the introduction of system and order and co-ordination of work in the office it was found possible to deal fully and expeditiously with all the business and correspondence of the Society. Similarly, notwithstanding heavy capital expenditure for steel furniture and a large outlay on printing, binding and repairing of MSS. and books, the finances of the Society were placed on a sounder footing by the reduction of the salary bill from 59% of the total income of the Society in 1937 to 44% in 1940, and elimination of all avoidable expense. The installation of steel shelving enabled the valuable printed collections and manuscripts belonging to the Society to be more safely housed. Additional facilities, in the shape of a furnished room set apart for study and the extension of library hours, were provided for members and visitors. For an institution of the type of the R.A.S.B., however, these improvements are not enough; its position in the international world of learning being dependent on the prestige its publications command in the estimation of kindred bodies. The solicitude with which scholars and scientists are now regarding the pages of its Journal and Memoirs as proper media for their researches, and the numerous requests received for exchange, augur well for the future of the Society as the premier academic institution in this country.

Mr. J. R. Seal, M.B.E., who worked as Assistant Secretary from August 1938, left the service of the Society in May, 1940, to fill the post of Secretary of the Karachi Chamber of Commerce, and Mr. J. C. De, M.A. (Lond.), Lecturer in History in the University College, Colombo, was appointed in his place. The Council takes this opportunity of placing on record its high appreciation of the services rendered by Mr. Seal during a period of heavy strain and stress consequent on the re-organization of the affairs of the Society.

Ordinary Members.

Gains and Losses.—These were as follows:—

<i>Gains.</i>		<i>Losses.</i>	
Elections carried forward ..	7	Lapses of elections ..	15
New Elections ..	51	Elections carried over ..	9
		Deaths ..	7
		Resignations ..	9
		Rule 38 ..	7
		Rule 40 ..	10
TOTAL ..	58	TOTAL ..	57

Initial total 386; net gain 1; final total 387.

Rule 38.—This Rule concerning members whose subscriptions are in arrears, was strictly applied and the names of 7 members were removed from the roll.

Membership List.—The annual detailed checking of the membership list with the membership card index was made.

Life Members.—The number of our Life-members at the end of the year was 57.

Deaths.—Amongst the distinguished and especially valued members lost to us, whose memory will be cherished, and for whose departure the Society is the poorer, the following may be mentioned:—

1. Rai Bahadur Kanak Lal Barua (1931).
2. Prof. A. C. Vidyabhusana (1905).
3. Rai Bahadur Champaram Misra (1912).
4. J. W. L. Grieve (1900).

New elections.—The election of Ordinary Members, amounting to 51, was the highest for the last five years.

Associate Members.

The following new Associate Member was elected:—

Dr. E. W. E. Macfarlane.

The present number stands at 7, the statutory maximum is 15.

Ordinary Fellows.

At the Annual Meeting held on the 5th February, 1940, the following members were elected as Ordinary Fellows:—

Dr. U. N. Ghoshal.
Dr. B. C. Law.
Dr. R. C. Majumdar.
Dr. H. S. Pruthi.

We lost through death the following:—

Sir E. D. Ross (1910).

At the end of the year the number was 49, the statutory maximum is 50.

Honorary Fellows.

We lost through death the following:—

Sir Joseph John Thomson, Kt., O.M., F.R.S. (1915).

The number at the end of the year was 21; the statutory maximum is 30.

Condolences.

The Council sent letters of condolence to the relatives of the following:—

Rai Bahadur Kanak Lal Barua,
J. W. L. Grieve.

Council.

The Council met 13 times. The attendance averaged 11.

The following resolutions of thanks were passed by the Council:—

To the Editor-in-Chief, Annals of Oriental Research of the University of Madras for placing the Society on the free distribution list for the Annals of the University.

To Sir David Ezra for a donation of Rs.500.

To Dr. U. N. Ghoshal for his report on some old records in the collection of the Calcutta High Court.

To H.E.H. the Nizam's Government for presenting the Society's library with a copy of 'Ajanta' by Ghulam Yazdani.

To Sir Sarvappali Radhakrishnan for drafting a letter of congratulation from the Society to the poet Dr. Rabindra Nath Tagore on the occasion of his 80th birthday.

To Dr. Hidayat Hosain for his acceptance of a reduced monthly honorarium of Rs.100 from Rs.200, for the preparation of the Catalogue of Arabic and Persian MSS. from October 1940.

To Dr. John B. Grant for his help in connection with the Society's appeal to the Rockefeller Foundation for financial help.

To Mr. W. D. West for his letter concerning the continuation of membership of the Society of Dr. J. B. Auden.

To the Outgoing Members of Council for the way in which they have served the true interests of the Society during the period of their Council Membership.

Office Bearers.

Changes in the Council were as follows:—

Sir S. Radhakrishnan was appointed an Additional Secretary for Philosophy from 4-3-40.

Dr. Kalidas Nag was appointed an Additional Secretary for History and Archaeology from 4-3-40.

Dr. B. S. Guha was absent during October and Dr. Prashad officiated for him.

Dr. B. S. Guha, acting Honorary Treasurer from 12-2-40 to 22-2-40; 16-9-40 to 17-10-40 and 23-11-40 to end of the year *vice* Dr. Baini Prashad, absent.

Absences other than those mentioned above were:—

Sir John Lort-Williams, absent from 1-9-40 to 11-11-40.

Maharajadhiraja of Burdwan, absent in June and July.

Mr. Percy Brown, absent from April to June.

Dr. K. P. Biswas, absent from 30-9-40 to 2-11-40.

Prof. M. Mahfuz-ul Haq, absent from 2-11-40 to 21-11-40.

Committees of Council.

The Standing Committees of Council, namely, the Finance, Publication, and Library Committees, met monthly, with the exception of the recess month of October, and the newly formed *Bibliotheca Indica* Committee met once during the year.

The following sub-committees were appointed:—

(1) A sub-committee consisting of Dr. J. N. Mukherjee, Dr. Kalidas Nag, Major C. L. Pasricha and the ex-officio members to review the lists of institutions with which exchanges of publications are made and of institutions and individuals to whom free copies of the Society's *Bibliotheca Indica* Series are sent, and report.

(2) A sub-committee consisting of Dr. S. P. Mookerjee, Dr. J. N. Mukherjee, Major C. L. Pasricha, Dr. Meghnad Saha and the ex-officio members to select a candidate for the post of Assistant Secretary in place of Mr. J. R. Seal, resigned.

(3) A sub-committee consisting of Dr. Kalidas Nag, Mr. H. C. Chakladar and Dr. B. S. Guha to consider the publication of a special number of the Society's Journal in commemoration of the centenary of James Prinsep.

(4) A sub-committee consisting of Dr. Kalidas Nag, Major C. L. Pasricha, Col. R. N. Chopra, Mr. Percy Brown, Dr. C. S. Fox and Dr. B. S. Guha to make arrangements and advise as to the most suitable method of expressing the Society's congratulations on the 80th birthdays of Sir P. C. Ray and Sir Nil Ratan Sircar.

(5) A sub-committee consisting of the Library Secretary and the General Secretary to consider the disposal of incomplete books and waste-paper found during the process of stock-taking and reorganization of the library, and also the incomplete printed forms, 21 to 67, of *Manusmṛti*, Vol. I.

(6) A sub-committee consisting of Dr. S. K. Chatterji, Prof. M. Mahfuz-ul Haq, Dr. S. P. Mookerjee, Prof. M. Z. Siddiqi and the ex-officio members to report on a letter dated 15th November, 1940, with enclosure, received from Mr. W. Ivanow, and addressed to the President.

(7) A sub-committee consisting of Dr. S. K. Chatterji, Prof. M. Mahfuz-ul Haq, the General Secretary and the Treasurer to report on a letter from the Government of Bengal asking for the Society's suggestions in connection with the reorganization of the Indian Historical Records Commission.

Finance Committee.

The Finance Committee met on dates a few days earlier than those of the Council Meetings.

Three special meetings were held in March, August and December, the last being for the budget for 1941.

Office.

The measures recommended by the Special Enquiry Committee for office reorganization were adopted and increments of salary given accordingly. With proper allocation of duties, and co-ordination and supervision of office work, the lack of system and discipline, which formerly existed, disappeared and a full and expeditious handling of all business was found possible in spite of a reduced staff. Unfortunately, the sudden departure of Mr. J. R. Seal about the middle of the year slowed down the work of reorganization to some extent. The preparation of an Office Manual, recommended by the Special Enquiry Committee, the need of which had been keenly felt for several years past, and an inventory of the assets of the Society made by Mr. Seal before he left, were, however, of great assistance.

One of the reasons for the difficulty experienced in the quick and efficient handling of correspondence was the confusion into which the files and records of the Society had fallen. It was not easy to trace any letter with its connected papers. It was therefore necessary to rearrange the files properly and put them in order. After careful consideration a suitable classification on lines followed in Government offices was adopted and applied to all current correspondence, in addition to about thirty of the more important older files. It is expected that with the help of a temporary clerk recently appointed the rest of this work will soon be completed.

The regulations concerning leave and holidays are now enforced more strictly and records are kept. Office orders and notifications are entered in a register, circulated to members of the Staff and signed by them.

Another improvement is the rearrangement of the working rooms of the Society on more business-like lines. The old unwieldy wooden racks in the office room have been replaced with steel almirahs in which papers and registers in daily use and Annual Reports and Abstracts of Statements wanted for reference have been neatly arranged. Old records and files not in daily use have been stored in the south-east room on the ground floor, part of which is being used also by the Society's binders for binding works published by the Society.

After installing steel almirahs the main south room has been divided into three parts. The eastern part has been reserved for Chinese and Tibetan MSS. and costly rare works on Archaeology, Art and Science. The central part has been furnished as an additional Readers-Room and the western part, formerly used by the File-clerk and Despatcher, is now occupied by the Assistant Secretary. In the General Secretary's room also steel almirahs have been installed containing bound volumes of Council Circulars, and one set each of the Annual Reports and publications of the Society, for ready reference. The south-eastern end of the hall on the first floor containing the working table of Dr. M. Hidayat Hosain has been converted into a regular study in which Prof. Chintaharan Chakravarti and Mr. Trin Chen have also been accommodated. Similarly the rooms occupied by the Librarian and the Press Clerk have been rearranged and fitted with steel almirahs. These alterations have been made with the object of equipping each part as a self-contained unit which will be more convenient for work and easier to organize.

The personnel of the Staff remained unchanged except that Mr. J. R. Seal left at the end of May, Mr. N. Norman on the first of November, and Mr. J. C. De was appointed to succeed Mr. Seal on probation for one year at a salary of Rs.200. No one was appointed in Mr. Norman's place as File-clerk and Despatcher, the Council having decided to combine his duties with those of the Typist.

The permanent menial Staff remained the same, though certain alterations in their duties were made to ensure greater efficiency, and of the four temporary extra hands employed last year three were discharged.

Correspondence.

In spite of the War the numbers of letters received and issued during the year were 3,212 and 2,402 respectively. Of the letters received 818 were applications for the post of Assistant Secretary, 200 were book-orders and 100 were Bank's acknowledgment receipts. Of these only 42 needed attention. 266 letters were issued in addition to 2,136 received which needed replies.

Stock Rooms.

The Stock Rooms were thoroughly reorganized and their contents repaired. After the replacement of the old wooden racks with steel shelves, the three rooms on the south-east of the ground floor were white-washed throughout, the walls up to a height of five feet replastered, the floors repaired with cement,

and damaged and worn-out wooden door-sills replaced with concrete. All saleable publications of the Society were arranged systematically on the steel shelves, and waste papers, surplus leaflets and ant-eaten materials sold by auction as waste-paper for which a sum of Rs.561 was realized.

As a result of the reorganization of the Stock Rooms, the back numbers of the Proceedings of the Indian Science Congress and all Miscellaneous publications of the Society have been placed in the east room, the Journals and Memoirs in the south room and the Bibliotheca Indica Series in the large central hall. The Journals, Memoirs, and Volumes of the Bibliotheca Indica were all dusted and cleaned, made into small packets covered with brown paper and serially arranged on the shelves. Arrangements have been made to clean and dust them regularly throughout the year.

During the past twenty years no stock was taken of the saleable printed material of the Society, and no stock registers were kept. These have now been introduced and the stocks are being entered after being thoroughly checked. But the contents of the stock rooms, as they exist at present, are not secure. The windows, when open, are unprotected and require flexible screens and the east room is without doors. Provision will have to be made for these improvements.

General.

Routine work in respect of the local distribution of the Society's publications, circulars, forms, etc., and the keeping up to date of the addresses and card-registers of Members was carried out as usual, but the posting of Journals, etc., to belligerent and many neutral countries affected by the War was either stopped altogether or was severely handicapped by delays in shipment and the increased rates of postage, etc.

Rules and Regulations.

No changes were made in the Rules and Regulations of the Society except certain modifications in the Fellowship Regulations, Nos. 1, 2, 6, 8, 10, 13, 14 and 17.

Representations.

Indian Museum.—The Society's representative on the Board of Trustees of the Indian Museum, under the Indian Museum Act X of 1910, continued to be Rai Sir Upendra Nath Brahmachari Bahadur.

Kamala Lectureship.—The Society's nominee to serve on the Election Committee of the Kamala Lectureship, administered by the Calcutta University, was Dr. Bains Prashad.

National Institute of Sciences of India.—The Society's representatives to serve on the Council of the National Institute of Sciences of India were Dr. Baini Prashad as Vice-President and Mr. W. D. West as member of Council during the year; and Mr. W. D. West as Vice-President and Major C. L. Pasricha as member of Council for 1941.

Sarojini Basu Gold Medal.—The Society's nominee to serve on the Special Committee for the award of the Sarojini Basu Gold Medal, administered by the Calcutta University, was Dr. Suniti Kumar Chatterji.

Deputations.

The Society received invitations to send representatives to the various functions of the undermentioned bodies:—

Tenth Session of the All-India Oriental Conference at Tirupatti.

Indian History Congress, Fourth Session, 1940, at Lahore.

Congratulations.

The Society sent its cordial congratulations to the following:

To its President, The Hon'ble Mr. Justice Lort-Williams, Kt., K.C., on his appointment as Acting Chief Justice of Bengal.

Visits.

Among a large number of visitors from various parts of the world mention may be made of the following:—

Dr. F. Vreede, Directeur Honoraire du Centre d'Etudes Néerlandaises et du Collège Néerlandais de l'Université de Paris.

P. Wheeler, New York.

Prof. Albert W. C. T. Herré, Stanford University, U.S.A.

Dr. H. I. Poleman, Director of Indic Studies, Library of Congress, Washington.

Lady F. Ginwala, Bombay.

A. N. Cohayre, Esq., Oxford.

Miss Q. J. Jafer, Aligarh.

Thob Than Gyentsen, Monk, Tibet.

Professor Hsu Pah Hung, Nanking University, China.

Prof. Mustapha Fazil Beg, ex-Governor of Alexandria and Professor of Sociology, Istanbul University.

Mrs. D. N. Glenn, Calcutta.

Dr. Miss Spencer of Yale University.

Shri Vijaya Dharma Suri, Jaina Scholar, Bhavnagar.

Awards.

Elliott Prize for Scientific Research.—The annual prize offered for the year 1939 was for research in Geology and Biology (including Pathology and Physiology). Four candidates sub-

mitted papers. The prize was awarded to Mr. P. K. Chatterjee of the Geological Survey of India.

The prize offered for the year 1940 was for Mathematics. An announcement regarding the prize will be made at the Annual Meeting of 1941.

The prize for the next year, 1941, will be for research in Chemistry.

Barclay Memorial Medal.—The (biennial) award of the Barclay Memorial Medal for conspicuous contributions to Medical and Biological Science with reference to India, was announced at the Annual Meeting of 1940. The medal was awarded to Major-General Sir Robert McCarrison, Kt., C.I.E., I.M.S. (retd.).

The next award will be announced at the Annual Meeting of 1942.

Sir William Jones Memorial Medal.—The announcement for the (triennial) award of the Sir William Jones Memorial Medal for Asiatic Researches in Science, including Medicine, will be made at the Annual Meeting of 1941.

Annandale Memorial Medal.—The (triennial) award, for important contributions to the study of Anthropology in Asia, was announced at the Annual Meeting for 1940. The medal was awarded to Prof. Frank Weidenreich of Peiping.

The next award will be announced at the Annual Meeting of 1943.

Joy Gobind Law Memorial Medal.—The next (triennial) award of the Joy Gobind Law Memorial Medal for conspicuously important work on Zoology in Asia, will be announced at the Annual Meeting of 1942.

Paul Johannes Brühl Memorial Medal.—The next (triennial) award of the Paul Johannes Brühl Memorial Medal for important contributions to the study of Asiatic Botany will be announced at the Annual Meeting of 1942.

Indian Science Congress, Calcutta, Prize.—The next award will be made in connection with the next session of the Congress to be held in Calcutta.

Pramatha Nath Bose Memorial Medal.—The Council has not yet decided upon the year in which the initial award shall be made of this medal for conspicuously important contributions to practical or theoretical Geology with special reference to Asia.

Donations.

The Society received a donation of Rs.500 to the General Fund from Sir David Ezra and of Rs.20 to the Permanent Library Endowment Fund from Dr. Chr. von Haimendorf, late of the Vienna University.

Society's Premises and Properties.

In accordance with the recommendations of the Special Enquiry Committee the Building Fund and the Building Repair Fund were amalgamated and a sum of Rs.2,000 was credited to it. Out of the two amalgamated funds Rs.10,000 were spent on steel shelving.

The main work of the installation of steel shelving has been completed. The Stock Rooms, Library, Sanskrit and Arabic-Persian MSS. Rooms, Reading Rooms and the office are now equipped with modern steel racks and cupboards. The greater part of the old wooden furniture has been sold by auction and a sum of Rs.2,007-7-3 realized. Some of the larger almirahs in the Arabic-Persian room were broken up and six new teak-wood almirahs with locks were constructed from the old materials. These have been placed on the ground floor for storing the Society's old records, etc.

Three mosquito-proof cisterns fitted with mosquito-proof covers and M.P. vent connections, etc., and a new one for the urinal in the Members' room were purchased to replace the old unserviceable flush cisterns which were giving trouble. The total cost was Rs.165, but a small part of the expense was recovered from the sale of the old cisterns.

The entire ground floor of the building, including the grand staircase, pillars, Library, Stock and Members' Rooms, was white-washed. Worn-out plaster was stripped off the walls up to a height of five feet and they were replastered with Pudlo cement mixed with creosote as a protection against white-ants, which were found to have attacked corners and door-sills in several places. Altogether 4,033 sq. ft. of cement plastering was done, and 63 running feet of old worn-out door-sills replaced by new ones made of reinforced concrete.

The small room adjoining the back staircase on the north-east of the building which was used formerly for dumping refuse, etc., was cleaned, repaired and replastered with Pudlo cement. It can be used either as an adjunct to the Library or for installing machinery for air-conditioning if desired.

The tarred floor throughout the Stock Rooms and the Library had not been repaired for many years and was full of holes and patches which have been filled up and repaired.

The total cost of the renovation of the rooms on the ground floor came to Rs.711-4-0, and furniture renewals and repairs cost about Rs.90.

The Ica Famulus Camera for making photostatic reproductions of books and MSS. presented to the Society by Count Kozui Ohtani of Japan has been lying unused since its presentation. The camera was found to be intact except the Ica Famulus prism which needed resilvering; but several hundred sheets of photographic paper sent along with it had become

useless and 600 feet of Ilford document paper was procured from England and the camera, after being reconditioned, was transferred to the photographic room of the Zoological Survey of India on loan for safe keeping on the initiative of Dr. Baini Prashad. Up to the end of the year, 237 pages of MSS. and books have been photostated for scholars and members of the Society at a nominal cost of 3 annas per page.

Artistic and Historical Possessions.

A stone inscription lying in the Stock Room was cleaned and placed on the landing near the famous Asokan inscription from Bairat. The inscription is in the Nagri character and is probably of the 14-15th century. Impressions have been taken by the Archæological Survey and are being studied by experts.

The Society's collection of oil paintings are not well displayed, some are placed too high, and others are not seen to the best advantage. Steps are being taken to display them properly. Some of these paintings were also found to be cracked and the frames damaged. They were carefully examined by well-known artists and an estimate was obtained for their restoration amounting to Rs.2,300, but for financial reasons this work cannot be undertaken at present.

The plaster plaque of Sir William Jones, translating *Sakuntala*, ought to be executed in either marble or bronze, but no member or well-wisher of the Society has so far offered to bear the cost.

Library.

The Special Enquiry Committee found that the Library, though one of the best reference libraries in India, was in a very unsatisfactory condition. Among measures recommended for its reorganization were the replacement of the wooden racks with modern steel furniture, the taking of stock, and the repair and rebinding of books and manuscripts damaged by insects.

The installation of steel shelving, commenced in 1939, was completed by the end of the year. The progress of the work was delayed to some extent owing to heavy demands on the services of our Contractors, the Bangiya Steel Pratisthan, for war work. With the exception of the Arabic-Persian Room, the books and MSS. in the three other Sections, namely, the European, the Sanskrit and the Tibeto-Chinese, have now been transferred to the steel shelves and arranged serially, after being carefully dusted and cleaned. In the main Reading Room and along the landings on the first floor also, the old open wooden racks have

been replaced with glass-fronted steel almirahs, where reference works, lexicons, and encyclopædias, are kept. Two of these almirahs in the eastern part of the main Reading Room are reserved for new accessions, for the information and inspection of readers.

Another innovation has been to place all available sets of the Society's publications, including the rare Asiatic Researches, the Journals, Memoirs and the Bibliotheca Indica Series in steel almirahs on the landing on the western side of the staircase, on the first floor. On the landing outside the Arabic-Persian Room, the printed catalogues and reference books in Arabic and Persian have been placed for the convenience of readers.

Stock-taking.—In the Annual Reports of 1905 and 1918 there are references to the 'weeding out' of books, but there is no indication that this was done as a result of stock-taking. At the beginning of 1940, when the task of taking stock of the collections in the Library was undertaken, a serious difficulty was encountered owing to the absence of any accession register, or any properly kept catalogue, either in card or in book form. The existing catalogues are very defective and have not been kept up to date. Even with the index slips and the cards kept by the late Librarian, they fail to account for the whole of the books in the Library. Help therefore was sought from Mr. S. S. Saith, M.A. (Edin.), Superintendent of the Imperial Library, who advised that it was necessary to prepare first of all a register of all the books in the Library, shelf by shelf, according to their book marks or numbers and, after this was accomplished, to check it with the records kept in the form of catalogues, index-cards, etc. This advice was followed, a complete register of the books on our shelves was prepared; and by the end of November, the general section of the Library, containing 33,182 books, was checked. The results of the stock-taking so far completed show that:—

(i) 2,400 books had not been registered or catalogued. A complete list of these was prepared and included in the new register.

(ii) Over 200 books mentioned in the catalogues could not be traced. It is possible that some of these may be found among the bound volumes of periodicals not yet examined.

(iii) Books numbering nearly 6,000 were found to be damaged. No adequate preventive measures had been taken against the attack of insects and no regular or systematic dusting or cleaning of the books had been done.

(iv) A large mass of stray papers, book-covers, directories, catalogues of firms, civil lists and many odd volumes of books

and pamphlets were found, and with the help of G. Bhattacharya, B.A., the son of the First Pandit, who is working as an apprentice in the Library of the Society, these were carefully examined and sorted. Those likely to be of use were kept, and the most important removed to the Library and entered in the register. A list of the others was prepared, and a Committee was appointed by the Council to examine and report as to which should be preserved. The rest were sold by auction along with those found in the Stock Rooms.

A list of the books most severely damaged was made, and it was found that over 6,500 books require to be repaired and rebound, out of which 114 volumes which needed immediate attention were repaired at a cost of Rs.761. Estimates for the cost of repairing the others were obtained, but as the sum required was considerable it was decided to use the amount sanctioned in repairing and rebinding the old valuable books. This work is in addition to the repairing and binding of costly and rare works on Art, Architecture and Science which was completed within this year at a total cost of about Rs.6,000. These works have been placed in specially made steel almirahs in the south room.

Sanskrit Section.—All the manuscripts in this section, comprising works in Sanskrit, Prakrit, Bengali and other Indian languages belonging to the Society, or on permanent loan from the Government of India, were placed in steel cupboards in the north-west room on the first floor, after being properly cleaned and classified. The manuscripts were thoroughly checked and a list of the missing ones was prepared and enquiries made for their recovery. It was found that 7,234 MSS. were damaged by insects and mildew, of which 144 were in very bad condition. These were taken in hand first and altogether 261 were repaired during the year.

Arabic-Persian Section.—Similarly in this section all the MSS., numbering over 6,000, were carefully checked. A list was prepared and it was found that 2,039 were damaged, 56 of which were in a very bad state of preservation. These were repaired and rebound. The old wooden racks and almirahs were dismantled and steel shelves erected. The collection was moved temporarily into the north room on the ground floor, but will be shifted to the Arabic-Persian room on the first floor, properly classified, and placed in steel cupboards when additional doors have been fixed.

Sino-Tibetan Section.—The manuscripts and printed works comprised in this section were carefully checked and, after being properly labelled, were arranged in steel shelves, according to the Tibetan alphabetical order. A complete register of the

collection was made by Mr. Trin Chen and a descriptive catalogue of the Buddhist Kangyur and Tangyur manuscripts is in preparation.

It was found that 398 volumes in this Section were badly eaten by insects.

Repair of Manuscripts.—The repair of the most valuable and severely damaged MSS. in the Sanskrit and Arabic-Persian Sections was done at a cost of Rs.1,202-6-9. The technique of repair was determined on the advice of experts in India and abroad, and the work was done by employing special duffries to whom the necessary materials were supplied. The total cost of repair of the rest of the damaged MSS. in the Sanskrit, Islamic and Sino-Tibetan Sections will be very large and cannot be undertaken at once. It is proposed therefore to divide the work into two or three stages according to the condition of the MSS. and the funds available. The estimated cost of repairing the 414 MSS. which need urgent attention (of which 195 belong to the Sanskrit, 80 to the Islamic and 39 to the Sino-Tibetan Sections) is Rs.2,524, and this expense cannot be postponed much longer without incurring serious damage to the MSS. Besides cleaning and dusting, measures were taken to prevent any further damage by insects. On the advice of Mr. A. R. Foster of the Imperial Chemical Industries Co., who very kindly examined our damaged MSS. and books, a preparation of paradichlor-benzene is being used as a disinfectant.

Enforcement of Regulations.—Measures were taken to enforce the Library Regulations more strictly so as to guard against any further loss of books; and the hours were extended from 5 p.m. to 7 p.m. The Library is now kept open on all days excepting those mentioned in the Regulations. These reforms were initiated with a view to increase the utility of the Library.

Permanent Library Endowment Fund.—The total of this fund is now Rs. 14,020 in 3½% Government Paper.

Accessions and presentations.—The accessions, exclusive of 209 periodicals received either by way of exchange, presentation or purchase, numbered 393 volumes, of which 136 were purchased, 117 were presented and the remaining 136 volumes were added to the Library from unregistered stock.

Owing to the war, publications from European countries were received with difficulty. There are 66 institutions in Europe alone, excepting the British Isles, which exchange publications with the Society, most of which have either stopped sending or are able to send only a few publications at long

intervals. Five new Indian periodicals were added to the Library. They are: (1) 'Annals of the Oriental Research Department of the Madras University', presented by the University, (2) 'New Asia', presented by Dr. Kalidas Nag, (3) 'Transactions of the Bose Research Institute', presented by the Institute, (4) The 'Bharatiya Vidya', and (5) the 'Journal of Indian Entomology',—the last two by exchange for the Society's Journal.

Among books presented to the Society, mention may be made of 'Ajanta', Vols. 1 to 4, from H.E.H. the Nizam of Hyderabad, and 'Monuments of Sanchi', Vols. I to III, and 'Excavations at Harappa', Vols. I and II, from the Government of India.

Besides the presentation of books the Society has received during the year a Photo Record Micro-film Copying Camera, complete with reostat weston exposure meter, extra foot pedal and lens, K-1 and K-2 yellow filters, a film winder and one hundred feet of micro-film from Dr. Horace I. Poleman, Director of Indie Studies, Library of Congress, Washington, U.S.A., on permanent loan for copying MSS. and other valuable records. Arrangements have been made with the consent and co-operation of the Director of the Zoological Survey of India to keep it in safe custody for the Society in the photographic room of the Zoological Survey of India. The Society is greatly indebted to Dr. Poleman and the Photo Record Micro-film Co. of America for the loan of this valuable and costly apparatus which will undoubtedly be of great service to the Society and scholars who want exact copies of MSS. to be made at a very moderate cost.

Orders were sent for 38 books recommended for purchase by the Library Committee, but on account of difficulties of communication they have not yet arrived from England and America.

Book Review.—As a result of the publication of Book Reviews in the Society's Journal, requests are being received regularly from authors for review of their works, and 13 books were presented to the Library.

Finance.

Appendix III contains the usual Statements showing our accounts for 1940. Certain changes have been made in the form of their presentation according to the recommendations of the Special Enquiry Committee.

The Building Fund and the Building Repair Fund have been amalgamated as shown in Statement No. 15. The Statement showing the account of the International Catalogue of Scientific Literature, London, has been closed and the balance of Rs.4,374-7-8 is being held temporarily in the General Fund, to be transferred to the Temporary Reserve later. The other Statements are presented as in the previous year.

The Fund Accounts show their invested assets written down to their market value as at the end of the year and Investment Account No. 22 shows the allocation of invested paper to each fund specifically, with both market and face values of the investments.

Statement No. 24 shows the Balance Sheet and the different funds administered by and through it.

The funds belonging to, or administered by, the Society are classified as follows:—

(a) General Fund:—

(i) Permanent Reserve.

(ii) Working Balance.

(b) Specific Funds belonging to the Society.

(c) Funds administered by the Society.

At the end of the year, the position of these funds was as follows:—

				Face value, 31st December 1940. Rs.	Market value, 31st December 1940. Rs.
1.	General Fund	..	..	2,98,200	2,83,000
	(a) Permanent Reserve	..	..	2,54,200	2,39,000
	(b) Working Balance	..	..	44,000	44,000
2.	Specific Funds belonging to the Society	..		25,500	24,600
3.	Funds administered by the Society	..		69,600	68,200
				3,93,300	3,75,800

During the year 1940 Rs.1,040 were received as admission fees and Rs.680 as compounding fees. This total amount of Rs.1,720 will be transferred to the Permanent Reserve by conversion of Government Paper (3½%) belonging to the Temporary Reserve.

The Government of Bengal maintained the 20% cut in all grants made by them to the Society during the year.

The Society received the following grants from the above Government :—

For			Rs.	Statement.
Journals .. ..	..	..	1,600	No. 1.
O.P. Fund No. 1 .. ..	..	..	7,200	No. 2.
Sanskrit MSS. .. ..	..	..	8,000	No. 4.

The Government of Bengal grant of Rs.2,400 for the publication of works of historical interest for the year 1940-41 has not yet been received.

Owing to increasing activity and the clearing up of arrears in the publications of the Society, a large number of works was published. The resultant heavy outlay on printing, binding, and editing fees increased the debit balance of the Oriental Publication Fund No. 2 (Statement No. 3) from Rs.3,144-15-1 in 1939 to Rs.11,084-15-10 at the end of the year. Special efforts will be made to reduce this debit.

The Government of India maintained the 50% cut in the grant for Arabic and Persian MSS. (Statement No. 5) and as a result the Fund closed with a debit balance of Rs.3,141-3-3.

The income derived from Advertising amounted to Rs.10,200.

The temporary investments of funds in Fixed Deposit and Savings Bank are shown in Statements Nos. 21 and 20.

Statement No. 18 gives an account of the amounts due to and by the Society for membership subscriptions, sales of publications and contingent charges.

The Government Securities shown in Statement No. 22 are held in safe custody by the Imperial Bank of India, Park Street Branch. During the year there was a considerable appreciation in the value of the securities, amounting to Rs.17,749-15-0 and increasing to that extent the book assets of the Society.

The Budget estimates for 1940 and the actuals of the year were as follows:—

Estimates.			Receipts.	Expenditure.
			Rs.	Rs.
Ordinary .. ..	..	..	52,030	44,500
Extraordinary .. ..	..	..	650	650
TOTAL ..			52,680	45,150
Actuals.				
Ordinary .. ..	..	..	82,508	64,884
Extraordinary .. ..	..	..	1,624	1,624
TOTAL ..			84,132	66,508

The ordinary receipts were about Rs.30,478 more than the estimate.

The ordinary expenditure was about Rs.20,384 more than the estimate.

The Budget estimates of probable expenditure have, as usual, been framed to meet demands under various heads based on a vigorous activity in all departments of the Society's work.

The receipts have been conservatively estimated.

BUDGET ESTIMATE FOR 1941.

Ordinary Receipts.

	Original Budget Estimate for 1940.	Actuals for 1940.	Budget Estimate for 1941.
	Rs.	Rs.	Rs.
Interest on Investments and Deposits	{ 10,000 750	9,959 750	9,800 750
Advertising	10,200	10,200	10,200
Rent	10,680	10,680	10,680
Annual Grant	1,600	1,600	1,600
Miscellaneous	300	2,700	300
Members' Subscriptions	9,000	8,800	9,000
Publication, Sales and Subscriptions	5,000	5,200	5,500
Donation .. ..	..	500	..
Proportionate Share of Funds:—			
1. O. P. Fund No. 1	2,500	2,500	2,000
2. Sanskrit MSS. Fund	2,000	2,000	2,000
3. Sanskrit MSS. Fund .. ..	..	8,000*	..
4. Building Fund .. ..	..	10,000*	..
5. Publication Fund .. ..	..	5,245*	..
6. International Cat. of Scientific Literature Fund .. ..	..	4,374-7-8*	..
TOTAL ..	52,030	82,508-7-8	51,830

* Special sanction by Council.

Extraordinary Receipts.

	Rs.	Rs.	Rs.
By Fees			
by Admission Fees	650	944	800
by Compounding Fee .. ..	..	680	..
by Institutional Membership Registration Fee .. ..	..	..	..
TOTAL ..	650	1,624	800

Ordinary Expenditure.

		Original Budget Estimate for 1940.	Actuals for 1940.	Budget Estimate for 1941.
		Rs.	Rs.	Rs.
Salaries	.. ..	22,500	22,625	21,800
Commission	.. ..	300	280	300
Stationery	.. ..	550	1,050*	600
Fan, Light and Telephone	.. ..	700	672	600
Taxes	.. ..	2,400	2,388	2,400
Postage	.. ..	1,200	2,693*	1,600
Contingencies	.. ..	750	1,098*	700
Petty Repairs	.. ..	150	179	200
Insurance	.. ..	500	500	500
Menials' Clothing	.. ..	200	270	120
Office Furniture	.. ..	500	488	200
Building Repairs	.. ..	2,000	2,000	2,000
Provident Fund Share	.. ..	800	642	700
Audit Fee	.. ..	250	250	250
Books, Library	.. ..	3,000	1,334	2,000
Binding, Library	.. ..	1,000	761	2,000
Journal and Memoirs	.. ..	7,000	9,055*	7,000
Printing Circulars, etc.	.. ..	700	891*	500
Gratuities	.. ..	..	1,000	..
Contribution	.. ..	..	..	..
Cataloguing Bengali MSS.	.. ..	..	..	500
Steel Shelving	.. ..	..	12,473*	6,560
TOTAL	..	44,500	64,884	50,530

* Special sanction by Council.

Extraordinary Expenditure.

		Rs.	Rs.	Rs.
To Permanent Reserve				
by Admission Fees	.. ..	650	944	800
by Compounding Fees	.. ..	..	680	..
by Institutional Membership				
Registration Fees	.. ..	..	..	..
TOTAL	..	650	1,624	800

Publications.

The Special Enquiry Committee appointed in 1939 prepared a list of papers and works undertaken by the Society but not published. The names of these papers and works are given in *Annexures A and B* and printed in the Annual Report of the Society for 1939. In the course of that year the *Journal* of the Society was brought up to 1938, and *Vol. IV* was completed with its Title-pages, Indexes, etc. Similarly the *Year-Book* of the Society up to 1938 was published. During the current year

(1940) the complete Volume of the Journal for 1939 (Vol. V), consisting of 754 pages and 3 plates was published, as well as two numbers for 1940 (Vol. VI)—one Science and one Letters—consisting of 110 pages and 6 plates.

The *Year-Book* for 1939 (Vol. VI, 1940—pages 208) was issued in the early part of 1940. It is to be noted that this is the first time in the recent history of the Society that the Proceedings of the Society were published and distributed to Members along with the Journal for the year just ended.

Of the papers mentioned in *Annexures A and B* and lying in the press for many years, two were published in Vol. V of the Journal, the remainder in Vol. IV except Nos. 3 and 4 of *Annexure A*, which were rejected on further reference, and No. 1 in *Annexure B* which could not be sent to the Press till recently, no response having been received from the author.

Of the *Memoirs*, No. 1 of *Annexure B*, viz., the late Dr. P. O. Boddington's work on 'How the Santals Live' was published, thus completing Vol. X of the *Memoirs*.

The Society has published also an important new work on 'The Pugnacity of the Swordfish, etc.,' by Dr. E. W. Gudgeon and consisting of 100 pages and 9 plates as Vol. XII of the *Memoirs*.

Considerable progress has been made in the revised edition of the *Mahāvīyutpatti* by Alexander Csoma de Kőrös which is to form Vol. IV of the *Memoirs* (No. 2 of *Annexure B*) but has been lying uncompleted since 1910. Most of the materials left by Csoma de Kőrös have been re-copied and revised by Mr. Trin Chen and Prof. Durga Charan Chatterjee.

Bibliotheca Indica Series.—Of the eighteen incomplete works mentioned by the Special Enquiry Committee in the last Annual Report nine were published in 1939. During the year 1940 the following works were published:

- (1) *Varṇa-ratnākara*.—The oldest work in the Maithili language, written by Kaviśekharācārya Jyotirīśvara Thakura (c. 1325 A.D.), and edited by Prof. Suniti K. Chatterji and Pandit Babua Misra. The work consists of Introductions, pp. l-lxiv+1-8, a Plate of the MS., and Text and Index, pp. 1-166.
- (2) *Dharma-bindu*.—A work on Jaina Philosophy by Haribhadra, edited with the commentary of Municaundra by Dr. L. Suali, Ph.D., and partly revised and seen through the press by Prof. Chintaharan Chakravarti, M.A. Fascicle I was published in 1912. The printing of Fascicle II, the major portion of which was seen by Dr. Suali in 1921, was entrusted to Prof. Chakravarti last year in the absence of Dr. Suali. This final fascicle consists of pp. 81-271 of the Text and Preliminary, and Glossary, pp. i-xi.

- (3) *Avadāna-kalpalatā*.—A reprinted edition of Vol. I, Fascicle II, pages 59–154, originally published under the joint editorship of Sarat Ch. Das and Pandit Hari Mohan Vidyabhushana. The task of seeing the proofs through the press was done by Prof. Durga Charan Chatterjee. The Fascicle consists of pp. 59–154 of the Text and Preliminary pp. i–iv and Appendixes I and II of 1–10 pages.

In addition, progress made in the following works mentioned in *Annexures A and B* is shown below :

- (1) *Tīrtha-kalpa*, edited by Pandit Kedarnath of Jaipur.—Pages 97–288 have been printed and pp. 289–336 are in page-form. Fifty pages remain to be made press-ready. With the completion of these, including the Index, the work can be issued next year.
- (2) *Vaikhānasa-Śrauta-sūtram*.—Prof. Raghu Vira of Lahore, who was entrusted with the preparation of the Index has seen the galley proofs through the press. With the printing of the Index, which will occupy nearly 100 pages, the complete work can be published early in 1941.
- (3) *Kuṭṭanī-matam*.—During the middle of the year permission was obtained from the Kashmir Government for Pandit Madhusudan Kaul Sastri, M.A., Superintendent, Archaeology and Research Department of that Government, to edit and complete this work, which, it is expected, will also be published in 1941.
- (4) *Kesar Saga*.—Dr. S. K. Chatterji is now working on the final fascicle. He has included a number of connected Sagas and other matters from the *Indian Antiquary* and other sources, originally compiled and translated by the Rev. A. H. Francke, as a useful appendix. These have been set up in type, and the work will be published next year.
- (5) *Dowazangmo*.—A number of mistakes were found in the first 32 pages that were printed in 1932. The Council decided to stop the work for the present, distribute the type, and undertake the work at a later date when reliable MS. material becomes available.
- (6) *Vajjalaggam*.—Mr. Johan van Manen undertook to complete the English translation but has not done so as yet.

In the Islamic Section the following works were published:—

- (1) *The Index to Tabaqāt-i-Akbarī, Vol. III*.—The Index to the Third Volume of the English Translation

of the *Tabaqāt-i-Akbarī* of Khwājah Nizāmuddīn Ahmad by Dr. Baini Prashad, D.Sc., F.R.A.S.B. It consists of pages 817–921 set up in small type and double column.

- (2) *Qānūn-i-Humāyūnī* (*Persian Text*).—Also known as *Humāyūn-Nāma of Khwāndamīr*, a work on the Rules and Ordinances established by the Emperor Humāyūn, and on some buildings erected by his order, was edited with notes and a Preface in English by Shamsu-l-'Ulamā Dr. M. Hidayat Hosain, Ph.D., F.R.A.S.B. The work consists of pp. i–xxxvi in English and pp. 1–141 in Persian.
- (3) *Qānūn-i-Humāyūnī*.—The English translation of the above work with Explanatory Notes, Preface and Index by Dr. Baini Prashad, D.Sc., F.R.A.S.B., F.N.I., F.R.S.E. The work consists of Preliminary pp. i–xii and pp. 1–92 Translation and Index.

Progress as indicated below was made in the uncompleted Islamic works mentioned in *Annexures A and B*.:—

- (1) *'Amal-i-Ṣāliḥ or Shāh-Jahān-Nāma*.—The Persian text was completed in 1939 by Prof. G. Yazdani. The Index of the three Volumes is in course of preparation by the editor and the entire work is expected to be published in 1941.
- (2) *Tarīkh-i-Humāyūnī of Bāyazīd*: Persian: is in course of completion and will be published in 1941.
- (3) *Haft Iqlīm*.—The preparation of materials for Vol. II in Persian by Prof. M. Mahfuz-ul Haq is well advanced and is expected to be press-ready in 1941.

Among new works published were:—

- (1) *Doctrine of Nimbārka*.—Translation of 'Vedānta-pārijāta-Saurabha' of Nimbārka and 'Vedānta-kaustubha' of Śrīnivāsa (commentaries on the *Brahma-Sūtras*), Vol. I, by Dr. Roma Bose, M.A., D.Phil. (Oxon), was published earlier in the year. It consists of Preliminary, pp. i–viii and Translation, pp. 1–474.
- (2) *Lushai-English Dictionary*.—The Dictionary of the Lushai Language—the first dictionary of the language of a tribal group inhabiting parts of the wild forest-covered mountainous region between India and Upper Burma, and prepared by the Revd. James Herbert Lorrain of the Baptist Missionary Society, London, and one of the pioneer Missionaries

in the Lushai Hills. It consists of Preliminary pp. i-xvi and Vocabulary, pp. 1-576.

Of new works undertaken by the Society in the Bibliotheca Indica Series, progress was made as follows:—

- (1) *Doctrine of Nimbārka*, Vols. II and III, by Dr. Rama Bose.—Since the publication of Vol. I, 200 pages of Vol. II have been printed and the rest are in various stages of proof. It is expected to publish Vols. II and III in 1941.
- (2) *Bhagavad-Gītā (in Persian Verse)*.—The materials are in course of preparation by Dr. Baini Prashad.
- (3) *Maūthiru-l-Umarā (English Translation)*.—Materials left by the late H. Beveridge, I.C.S. (Retd.), are being edited and revised by Dr. Baini Prashad.

Sanskrit Catalogue.—

- (1) Volume VIII, Part II, Descriptive Catalogue of the Government Collection of Sanskrit MSS. on loan to the Society, dealing with the subject of *Tantra*, prepared by the late MM. Haraprasad Shastri, C.I.E., D.Litt., F.A.S.B., and revised and edited by Prof. Chintaharan Chakravarti, M.A., consisting of pp. 609-892 (including Index) and pp. i-xxx of Prefatory matter, was published during the year.
- (2) Volume IX of the Descriptive Catalogue of Sanskrit MSS., prepared by the late MM. Haraprasad Shastri, and dealing with *Philosophy*, is being revised and checked and is expected to be published in 1941.

Arabic Catalogue.—

- (3) Volume II of the Descriptive Catalogue of the Arabic MSS., dealing with the subjects of *Asceticism and Ethics, History, Biography, Cosmography and Geography, Logic, Philosophy, Mathematics, Astronomy, Alchemy, Cabalistic works* (works on spirits, incantations, secret virtues of letters, names of God and constructions of magical squares) and *Interpretations of Dreams* is in preparation by Dr. M. Hidayat Hosain.

The Bibliotheca Indica Committee, appointed last year, held its first meeting on July 22nd under the presidency of Sir Jadunath Sarkar. In view of heavy demands made on the resources of the Society for publishing a large number of works lying in the press in various stages of proof for many years past, it was resolved to proceed with uncompleted works already undertaken before accepting any new work. Accordingly, a list was prepared of 43 works in Sanskrit, and 8 works in Arabic and Persian, showing how much was already printed, what

remained to be done, and whether any have been published elsewhere in the meantime either completely or partially.

Economies.—In view of the increased cost of printing as a result of the war attempts were made to effect economy without impairing the excellence of the printing. Savings were made to the extent of 33½%, and 30–50% respectively, by arranging for binding to be done on the Society's premises, and blocks to be prepared directly by firms selected for the purpose, and notices of meetings, lectures, etc., were printed at approximately 40% less cost.

Instructions to Authors.—In order to avoid delay and unnecessary trouble and expense, caused by the receipt of papers not properly press-ready, instructions were prepared by Drs. Baini Prashad and S. K. Chatterji, suitable for both scientific and literary productions, giving full directions for submission of papers for the Society's Journal and Memoirs. These instructions have been printed and are being issued with each number of the Journal and Memoirs.

With regard to literary and scientific publications no efforts were spared to maintain the general standard. The Society published a large number of papers by distinguished scholars and scientists including two from Sir Aurel Stein and Dr. E. W. Gudger; communications also were received at the monthly meetings on matters of considerable importance by such authorities as Prof. Herré of the Stanford University. The satisfaction expressed by Sir Aurel Stein and Dr. Gudger for the promptitude and care with which their papers were published, will no doubt encourage all who worked so strenuously during the past year for the restoration of the Society's reputation.

The Baptist Mission Press.

Under the capable superintendence of Mr. P. Knight the Baptist Mission Press continued to act as our chief printers and gave, as usual, their invaluable assistance.

Agencies.

Our European, American and Indian Agents remain the same. An extension of the list for Asiatic countries could not be made as desired owing to unsettled conditions in most of the countries.

Exchanges of Publications.

The following applications for exchanges with the Society's publications were considered by the Council, and its decisions are noted below:—

<i>Publications of :</i>	<i>To be exchanged with :</i>
Bharatiya Vidya, Bombay ..	Journal.
Deccan College Research Institute, Poona (Bulletin) ..	Journal.
Research Dept., D.A.V. College, Lahore	Bibliotheca Indica works of equal value.
Visva-Bharati, Santiniketan (including Tagore's works in Bengali) ..	Memoirs.
Bangiya Sahitya Parisat ..	Sanskrit, Hindi, other Indian vernaculars and Tibetan works in the Bibliotheca Indica Series.
Sanskrit Sahitya Parisat ..	Sanskrit Texts in the Bibliotheca Indica Series.

The list of institutions with which exchanges of publications are made has been placed before a sub-committee for revision.

Meetings.

The Ordinary Monthly Meetings of the Society were held regularly with the exception of January and the recess months of September and October. The average attendance was 14 members and 4 visitors. The maximum attendance was in December with 17 members and 9 visitors.

There were no meetings of the Medical Section.

Exhibits.

At the Ordinary Monthly Meetings exhibits were shown and commented upon by the exhibitors. The following may be mentioned:—

- Percy Brown: A note on (a) Two old Japanese 'How-to-Draw' books, and
(b) An old Japanese book on repeating patterns for textiles such as brocades, etc.

Dr. B. S. Guha: Three Tibetan Manuscripts.
Chintaharan Chakravarti: Manuscripts in the Society's collection of Sanskrit Works of Maharaja Visvanath Singh of Rewah.

Communications.

Apart from papers, communications on matters of considerable scholarly and scientific interests were made from time to time at the Ordinary Monthly Meetings.

Among such communications the following may be mentioned:—

- Mrs. E. W. E. Macfarlane: Mother and Child Combinations of Blood Groups and Blood Types in Calcutta.
J. N. Mukherjee: A note on solubility and dissociation constant of stearic acid by N. P. Dutta.

Chintaharan Chakravarti: Study of Manuscripts.

M. Hidayat Hosain: European Physicians and Surgeons in the Moghul Court; a note on the ruins of Masjidkur and Amadi; and a note on a very rare and richly ornamented MS. called Chingiz Nama.

J. C. De: Pearls and the East India Company (1600 to 1661).

Albert W. C. T. Herré: Fisheries Development in the East.

General Lectures.

The following General Lectures were delivered before fairly large audiences of members and visitors:—

February 16th. Dr. Meghnad Saha: Physics in Medicine.

March 18th .. Dr. C. S. Fox: The Progress of Search for Mine in India.

March 29th .. Bt.-Col. R. N. Chopra: Use of Hemp in India.

April 2nd .. P. Kodanda Rao: Eastern and Western Civilization—a Denial of Contrast.

July 31st .. Dr. H. I. Poleman: America and Indian Studies.

Philology.

Two papers read in the previous year were published.

Two papers were read and published during the year.

History.

Two papers read in the previous year were published.

Five papers were read and published during the year.

Anthropology.

Three papers read in the previous year were published.

Eight papers were read and published during the year.

Archaeology.

Two papers were read and published during the year.

Two papers were read during the year and will be published later.

Natural History : Zoology.

Two papers read in the previous year were published.

Four papers were read and published during the year.

Natural History : Botany.

One paper read in the previous year was published.

One paper was read and published during the year.

Mathematics.

One paper was read during the year to be published later.

Cultural Activities.

Apart from general lectures, activity was shown in several directions aimed at increasing the usefulness of the Society as a great cultural institution. In the month of August permission was given to the Modern Society of Art to hold its exhibition of Paintings and Sculptures in a room on the ground floor.

Advice and help were given to investigators from many places in India, and abroad, of whom the following may be mentioned:—

(1) Major M. F. C. Martin, R.E., (an old Member) was supplied with a note on the Chaleolithic Period in Baluchistan and the Near East, and a bibliography of work done.

(2) Mlle. R. B. Cachio with a translation of a letter received from Helsinki.

(3) Mr. R. Genge, a member, on behalf of Messrs. D. J. Keymer & Co., with a detailed note on the use of sandal-oil and sandalwood in ancient India.

(4) Miss Wheelwright from U.S.A. with information on alleged similarities in folk-tales between the Tibetan and the Red Indian tribes of America.

(5) Principal A. C. Dutt of the Bareilly College, Bareilly, with information on the 'Hamsadatakayar', regarding its author and its place in Sanskrit literature.

(6) Request was made by the Registrar of the Calcutta High Court for help in assessing the value of the many historical documents in the possession of the Court. Dr. U. N. Ghosal examined them on behalf of the Society and his report was sent to the Registrar.

(7) Mr. Harmuz Kans of Hyderabad asked for information on the use of 'Ameer-ul-Hind' relating to Nawab Azam Jah Bahadur on old China. Prof. M. Haq supplied the necessary details.

(8) The Chief Secretary of Suket State was supplied with information on the Sena Kings of Bengal.

(9) His Majesty's Trade Commissioner at Calcutta with information regarding the interpretation of certain symbols used as trade marks.

In addition, Mr. Sarojbhusan Barua, M.A., a research scholar of the Government of Bengal, has been carrying on researches in Buddhistic literature under the supervision of the Society's experts for over a year.

Solicitors.

The Society is under obligation to its Solicitors, Messrs. B. N. Basu & Co., for prompt and valuable service rendered during the

year. To the head of the firm, Mr. J. N. Basu, it is specially indebted for his courtesy and ungrudging help on all occasions when there was any need to consult him.

Desiderata.

From the foregoing review of work it will be seen that a considerable part of the reorganization of the Society has been effected. What remains to be done includes routine matters on which work has already commenced and other improvements which require large capital outlay and cannot be carried out without addition to our already much reduced resources.

Our successful efforts to wipe off the large arrears of publication have resulted in the quick depletion of our Funds available for publication, one of which, namely, the O.P. Fund No. 2 has closed with a debit balance of Rs.11,000 in 1940. Unless the Government grants are restored in full, no further work in Arabic and Persian can be undertaken in the near future. Similarly, the repair and rebinding of damaged MSS. and books during 1939-40, has cost the Society large sums, and all future work in this direction will be very severely restricted unless our resources are considerably implemented. The restoration of some of our paintings, adequate insurance of all our properties, and the provision of a modern fire-proof building cannot be shelved much longer. With the advice and help of Dr. John B. Grant, the Director of the All-India Institute of Hygiene, the Rockefeller Foundation of New York was asked for a donation of four lacs of rupees but under the present War conditions the Foundation did not find it possible to accede to our request.

In Europe and America, institutions like ours benefit by generous help from big firms and philanthropists. The Royal Asiatic Society, which has, since the time of Sir William Jones, helped and encouraged research in all departments of Art and Science, has not been equally fortunate. Is it too much for the Council to hope that philanthropists and rich well-wishers, among whom there must be many who enjoy the privileges of its membership, will, by generous financial assistance, help the Society to maintain and increase its activities in the cause of learning and research?

[APPENDIX I.]

Membership Statistics.

(As calculated for December 31st, for 30 years.)

YEAR.	ORDINARY.							EXTRA-ORDINARY.					Grand Total Membership.	FELLOWS.		
	PAYING.				NON-PAYING.			Centenary Honorary.	Associate.	Institutional.	Anniversary Honorary.	Total.		Honorary.	Ordinary.	
	Resident.	Non-Resident.	Foreign.	Total.	Absent.	Life.	Total.									
																Total Ordinary Members.
1911 ..	200	225	19	444	53	22	75	519	3	14	..	..	17	536	28	19
1912 ..	203	229	19	451	43	23	66	517	3	13	..	..	16	533	27	24
1913 ..	200	211	19	430	46	23	69	499	3	14	..	..	17	516	27	28
1914 ..	191	187	19	397	50	26	76	473	3	14	..	..	17	490	24	27
1915 ..	171	188	21	380	40	25	65	445	3	15	..	..	18	463	29	31
1916 ..	145	159	18	322	60	25	85	407	3	15	..	..	18	425	26	33
1917 ..	150	144	15	309	45	24	69	378	2	12	..	..	14	392	22	35
1918 ..	153	145	17	315	43	24	67	382	2	10	..	..	12	394	22	39
1919 ..	141	128	15	284	64	25	89	373	2	11	..	..	13	386	18	36
1920 ..	161	134	15	310	32	26	58	368	2	11	..	..	13	381	28	38
1921 ..	160	132	16	308	26	26	51	359	2	12	..	..	14	373	28	40
1922 ..	160	141	16	317	26	26	52	369	2	13	..	..	15	384	30	39
1923 ..	147	120	13	280	30	27	57	337	2	11	..	..	13	350	28	37
1924 ..	209	134	12	355	29	28	57	412	2	12	..	..	14	426	27	37
1925 ..	263	137	12	412	23	27	50	462	2	12	..	..	14	476	26	34
1926 ..	319	162	20	501	23	28	51	552	2	12	..	..	14	566	25	34
1927 ..	328	167	18	513	28	33	61	574	2	13	..	..	15	589	28	38
1928 ..	344	167	23	534	42	16	88	622	1	12	..	..	13	635	28	40
1929 ..	331	181	21	533	36	49	85	618	1	10	2	..	13	631	27	43
1930 ..	291	194	37	522	22	52	74	596	1	8	2	..	11	607	29	47
1931 ..	228	184	29	441	26	52	78	519	1	8	5	..	11	533	29	46
1932 ..	222	126	23	371	27	54	81	452	1	7	5	..	13	465	28	45
1933 ..	194	126	27	347	33	56	89	436	..	7	6	..	13	449	26	49
1934 ..	217	112	30	359	26	57	83	442	..	6	7	12	25	467	26	47
1935 ..	206	107	28	341	28	56	84	425	..	5	7	11	23	448	24	44
1936 ..	214	106	24	344	16	55	71	415	..	5	10	11	26	441	21	46
1937 ..	205	99	29	333	20	55	75	408	..	5	12	10	27	435	19	49
1938 ..	193	98	21	312	24	54	78	390	..	4	12	10	26	416	19	45
1939 ..	187	103	21	311	21	54	75	386	..	6	12	10	28	414	22	46
1940 ..	190	108	18	316	14	57	71	387	..	7	12	10	29	416	21	49

[APPENDIX II.]

List of Publications issued by the Royal Asiatic Society of Bengal during 1940.**(a) Bibliotheca Indica :**

	Price.
	Rs. As. P.
<i>I. Indian Works :</i>	
1. Doctrine of Nimbārka, English Translation, Vol. I	6 4 0
2. Lushai-English Dictionary, complete work ..	18 0 0
3. Varṇa-ratnākara, complete work ..	5 0 0
4. Dharma-bindu, Vol. I, Fascicle 2, concluding fascicle	3 4 0
5. Avadāna-kalpalatā, Vol. I, Fascicle 2 (Reprint)	3 0 0
<i>II. Islamic Work :</i>	
6. Qānūn-i-Humāyūnī, complete work ..	3 0 0
7. Qānūn-i-Humāyūnī, English Translation, complete work	4 0 0
8. Ṭabaqāt-i-Akbarī, English Translation, Vol. III, Part III, Index, concluding part ..	2 8 0

(b) Journal and Proceedings (Third Series) :

Vol. V (Letters) No. 1	7 8 0
„ „ „ „ 2	6 8 0
„ „ „ „ 3	2 8 0
„ „ (Science) No. 1	2 4 0
„ „ „ „ 2	1 8 0
„ VI (Letters) No. 1	3 8 0
„ „ (Science) No. 1	3 8 0
„ „ Year-Book	4 14 0
Title-pages and Indexes to Volumes IV and V (Free to Members and subscribers).	

(c) Memoirs :

Vol. X, No. 3: How the Santals Live ..	7 0 0
Vol. XII, No. 2: The Alleged Pugnacity of the Swordfish and the Spearfishes as shown by their attacks on Vessels	7 14 0

(d) Miscellaneous :

Descriptive Catalogue of Sanskrit Manuscripts in the Collection of the Royal Asiatic Society of Bengal, Vol. VIII, Tantra, Part II ..	7 8 0
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Abstract Statement
of
Receipts and Disbursements
of the
Royal Asiatic Society of Bengal
for
the Year 1940

STATEMENT No. 1.

1940.

General

Income and Expenditure Account

		Rs.	As.	P.	Rs.	As.	P.
To ESTABLISHMENT :							
Salaries and Allowances ..	..	22,632	4	9			
Commission .. ..	..	277	2	0			
					22,909	6	9
GENERAL EXPENDITURE :							
Stationery .. ..	..	1,046	9	3			
Fans and Light .. ..	..	356	15	0			
Telephone .. ..	..	324	13	0			
Taxes .. ..	..	2,387	5	0			
Postage .. ..	..	2,243	11	9			
Contingencies .. ..	..	1,118	5	6			
Printing Circulars, etc. ..	..	1,304	6	6			
Audit Fee .. ..	..	250	0	0			
Petty Repairs .. ..	..	225	5	6			
Insurance .. ..	..	500	0	0			
Menials' Clothing .. ..	..	100	0	0			
Furniture and Repairs ..	..	513	10	0			
Interest on Security Deposit ..	..	5	0	0			
					10,376	1	6
GRATUITIES .. ..	..	....			1,000	0	0
LIBRARY AND COLLECTIONS :							
Books .. ..	..	1,266	1	9			
Binding .. ..	..	3,213	2	0			
					4,479	3	9
STEEL SHELVING .. ..	..	....			15,967	0	0
PUBLICATIONS :							
Journal and Proceedings ..	..	....			7,738	3	6
CONTRIBUTION :							
Provident Fund for 1940 ..	..	....			642	0	0
					63,111	15	6
TRANSFER TO—							
Building Repair Fund Account ..	..	....			2,000	0	0
SUNDRY ADJUSTMENTS :							
Bad Debts written-off .. ..	..	....			1,175	0	0
BALANCE AS PER BALANCE SHEET ..	..	....			2,83,041	8	10

3,49,328 8 4

STATEMENT No. 1.

Fund.

1940.

for the year to 31st December, 1940.

	Rs.	As.	P.	Rs.	As.	P.
BY BALANCE FROM LAST ACCOUNT			2,50,988	6	6

CASH RECEIPTS :

Interest on Investments ..	..	9,958	14	11		
Interest on Fixed Deposits..	..	750	0	0		
Government Grant ..	..	1,600	0	0		
Advertising ..	..	10,200	0	0		
Rent ..	..	10,305	0	0		
Donation ..	..	500	0	0		
Miscellaneous ..	..	2,844	4	0		
					36,158	2 11

PERSONAL ACCOUNT :

Members' Subscriptions ..	..	9,839	0	0		
Admission Fees ..	..	1,040	0	0		
Compounding Fees ..	..	680	0	0		
Sundry Adjustments ..	..	460	4	0		
Publications ..	..	5,185	12	3		
					17,205	0 3

TRANSFER FROM FUNDS :

Sanskrit MSS. Fund ..	..	8,000	0	0		
Building Repair Fund ..	..	10,000	0	0		
International Catalogue of Scientific Literature ..	..	4,374	7	8		
Proportionate Share in General Expenditure—						
Oriental Publication Fund (1) ..	..	2,500	0	0		
Sanskrit MSS. Fund ..	..	2,000	0	0		
					26,874	7 8
Appreciation on Investments—						
Revalued on 31-12-1940 ..	..	17,749	15	0		
Appreciation on Transfer to Provident Fund ..	..	352	8	0		
					18,102	7 0

3,49,328 8 4

STATEMENT No. 2.

1940.

Oriental Publication

From a monthly grant made by the Government of Bengal for the publication (Rs. 500), and for the publication of Sanskrit
(Less 20% from the

					Rs.	As.	P.
To Printing	..	..	..	..	8,592	11	6
Editing	..	..	..	..	310	0	0
Binding	..	..	..	..	417	8	0
Proportionate Share in General Expenditure	..				2,500	0	0
Balance as per Balance Sheet	..			..	12,148	3	8
					23,968	7	2

STATEMENT No. 3.

1940.

Oriental Publication

From an annual grant made by the Government of Bengal of
Historical
(Less 20% from the

					Rs.	As.	P.
To Balance from last Account	..	..	..	..	3,144	15	1
Printing	..	..	..	..	6,347	12	3
Editing	..	..	..	..	1,013	12	6
Binding	..	..	..	..	578	8	0
					11,084	15	10

STATEMENT No. 4.

1940.

Sanskrit Manuscripts Fund

From an annual grant of Rs. 3,200 made by the Government of Bengal
by the Society; and Rs. 3,600 from the
(Less 20% from the

					Rs.	As.	P.
To Cataloguing	..	..	..	..	1,200	0	0
Binding	..	..	..	..	200	0	0
Printing	..	..	..	..	2,020	15	6
Purchase of books	..	..	..	..	20	12	0
Repairs to Mss.	..	..	..	..	1,202	6	9
Transfer to General Fund R.A.S.B.	..			..	8,000	0	0
Proportionate Share in General Expenditure	..			..	2,000	0	0
Balance as per Balance Sheet	..			..	18,179	15	0
					32,824	1	3

STATEMENT No. 2.

Fund No. 1, in Account with R.A.S.B.

1940.

cation of Oriental Works and Works of Instruction in Eastern Languages
Works hitherto unpublished (Rs. 250).

1st of April, 1932.)

					Rs.	As.	P.
By Balance from last Account	..	..	..	..	16,768	7	2
Annual Grant ..	..	..	..	..	7,200	0	0

23,968 7 2

STATEMENT No. 3.

Fund No. 2, in Account with R.A.S.B.

1940.

Rs. 3,000 for the publication of Arabic and Persian Works of
Interest.

1st of April, 1932.)

					Rs.	As.	P.
By Balance as per Balance Sheet	..	..	..	..	11,084	15	10

11,084 15 10

STATEMENT No. 4.

Account, in Account with R.A.S.B.

1940.

for the publication of the Catalogue of Sanskrit Manuscripts acquired
same Government for Research Work.

1st of April, 1932.)

					Rs.	As.	P.
By Balance from last Account	..	..	..	..	24,824	1	3
Annual Grant ..	..	..	..	..	8,000	0	0

32,824 1 3

STATEMENT No. 5.

1940.

Arabic and Persian Manuscripts

From an annual grant of Rs. 5,000 made by the Government of India for
by the Society; for the purchase of further Manuscripts.
Manuscripts found in

		Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account..			1,417	1	3
Purchase of Manuscripts			70	0	0
Reference Works			254	8	0
Cataloguing			2,100	0	0
Binding			419	4	0
Printing			1,380	6	0
					5,641	3	3

STATEMENT No. 6.

1940.

Barclay Memorial

From a sum of Rs. 500 odd given in 1896 by the Surgeon
encouragement of Medical

		Rs.	As.	P.	Rs.	As.	P.
To Cost of a Medal ..	..	....			19	2	0
Balance as per Balance Sheet—							
Rs. 700, 3½% G.P. Notes, 1854-55		658	7	0			
Surplus at date ..	..	77	6	8			
					735	13	8
					754	15	8

STATEMENT No. 7.

1940.

Servants' Pension Fund

Founded in 1876 as the Piddington Pension Fund

		Rs.	As.	P.	Rs.	As.	P.
To Pension ..	..	....			132	0	0
Balance as per Balance Sheet—							
Rs. 3,000, 3½% G.P. Notes, 1854-55		2,821	14	0			
Surplus at date ..	..	838	2	8			
					3,660	0	8
					3,792	0	8

STATEMENT No. 5.

Fund Account, in Account with R.A.S.B.

1940.

the cataloguing and binding of Arabic and Persian Manuscripts, acquired and for the preparation of notices of Arabic and Persian various Libraries in India.

	Rs.	As.	P.	Rs.	As.	P.
By Annual Grant			2,500	0	0
Balance as per Balance Sheet			3,141	3	3

5,641 3 3

STATEMENT No. 6.

Fund Account, in Account with R.A.S.B.

1940.

General, I.M.S., for the foundation of a medal for the and Biological Science.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			685	10	8
Interest realized during the year			24	4	0
Appreciation on Investments revalued on 31-12-1940			45	1	0
				754	15	8

STATEMENT No. 7.

Account, in Account with R.A.S.B.

1940.

with Rs. 500 odd from the Piddington Fund.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			3,494	2	8
Interest realized during the year			104	12	0
Appreciation on Investments revalued on 31-12-1940			193	2	0
				3,792	0	8

STATEMENT No. 8.

1940.

Annandale Memorial Fund

From donations by subscription,

	Rs. As. P.	Rs. As. P.
To Cost of a Medal .. ..	....	221 8 0
Balance as per Balance Sheet—		
Rs. 4,000, 3½% G.P. Notes, 1854-55	3,762 8 0	
Surplus at date	624 4 9	
	<hr/>	4,386 12 9
		<hr/>
		4,608 4 9
		<hr/>

STATEMENT No. 9.

1940.

Permanent Library Endowment

From gifts received,

	Rs. As. P.	Rs. As. P.
To Balance as per Balance Sheet—		
Rs. 14,000, 3½% G.P. Notes, 1854-55	13,168 12 0	
Surplus at date	2,737 7 8	
	<hr/>	15,906 3 8
		<hr/>
		15,906 3 8
		<hr/>

STATEMENT No. 10.

1940.

Sir William Jones Memorial

From a sum gifted for the purpose in

	Rs. As. P.	Rs. As. P.
To Balance as per Balance Sheet—		
Rs. 3,000, 3½% G.P. Notes, 1854-55	2,821 14 0	
Surplus at date	253 15 0	
	<hr/>	3,075 13 0
		<hr/>
		3,075 13 0
		<hr/>

STATEMENT No. 8.

Account, in Account with R.A.S.B.

1940.

started in 1926.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			4,212	4	9
Interest realized during the year			138	8	0
Appreciation on Investments revalued on 31-12-1940			257	8	0
				<u>4,608</u>	<u>4</u>	<u>9</u>

STATEMENT No. 9.

Fund Account, in Account with R.A.S.B.

1940.

started in 1926.

	Rs.	As.	P.	*Rs.	As.	P.
By Balance from last Account			14,495	15	8
Interest realized during the year			489	0	0
Donation			20	0	0
Appreciation on Investments revalued on 31-12-1940			901	4	0
				<u>15,906</u>	<u>3</u>	<u>8</u>

STATEMENT No. 10.

Fund Account, in Account with R.A.S.B.

1940.

1926, by Dr. U. N. Brahmachari.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			2,777	15	0
Interest realized during the year			104	12	0
Appreciation on Investments revalued on 31-12-1940			193	2	0
				<u>3,075</u>	<u>13</u>	<u>0</u>

STATEMENT No. 11.

1940.

Pramathanath Bose Memorial

From a sum gifted for

	Rs.	As.	P.	Rs.	As.	P.
To Balance as per Balance Sheet—						
Rs. 800, $3\frac{1}{2}\%$ G.P. Notes, 1842-43 }	1,693	2	0			
„ 1,000, „ „ 1865 }	313	5	0			
Surplus at date				2,006	7	0
				2,006	7	0

STATEMENT No. 12.

1940.

Joy Gobind Law Memorial

From a donation for the purpose

	Rs.	As.	P.	Rs.	As.	P.
To Balance as per Balance Sheet—						
Rs. 3,000, $3\frac{1}{2}\%$ G.P. Notes, 1854-55	2,821	14	0			
Surplus at date	209	0	0	3,030	14	0
				3,030	14	0

STATEMENT No. 13.

1940.

Calcutta Science Congress Prize

	Rs.	As.	P.	Rs.	As.	P.
To Balance as per Balance Sheet—						
Rs. 3,000, $3\frac{1}{2}\%$ G.P. Notes, 1854-55	2,821	14	0			
Surplus at date	1,187	10	7	4,009	8	7
				4,009	8	7

STATEMENT No. 11.

Fund Account, in Account with R.A.S.B.

1940.

the purpose in 1935.

		Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			1,838	7	0
Interest realized during the year			52	2	0
Appreciation on Investments revalued on 31-12-1940			115	14	0
					<u>2,006</u>	<u>7</u>	<u>0</u>

STATEMENT No. 12.

Fund Account, in Account with R.A.S.B.

1940.

in 1929, by Dr. Satya Churn Law.

		Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			2,733	0	0
Interest realized during the year			104	12	0
Appreciation on Investments revalued on 31-12-1940			193	2	0
					<u>3,030</u>	<u>14</u>	<u>0</u>

STATEMENT No. 13.

Fund Account, in Account with R.A.S.B.

1940.

		Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			3,711	10	7
Interest realized during the year			104	12	0
Appreciation on Investments revalued on 31-12-1940			193	2	0
					<u>4,009</u>	<u>8</u>	<u>7</u>

STATEMENT No. 14.

1940.

Dr. Brühl Memorial

From a sum gifted for the purpose in

	Rs.	As.	P.	Rs.	As.	P.
To Balance as per Balance Sheet—						
Rs. 1,000, 3½% G.P. Notes 1854-55	940	10	0			
Surplus at date	151	7	0			
				1,092	1	0
				1,092	1	0

STATEMENT No. 15.

1940.

Building Repair

	Rs.	As.	P.	Rs.	As.	P.
To Transfer to General Fund			10,000	0	0
Balance as per Balance Sheet			4,317	3	0
				14,317	3	0

STATEMENT No. 16.

1940.

Provident Fund

From contributions by the

	Rs.	As.	P.	Rs.	As.	P.
To Payments during the year ..	....			150	0	0
Balance as per Balance Sheet—						
Rs. 5,000, 3% G.P. Notes, 1941	5,065	10	0			
Rs. 6,000, 3½% G.P. Notes, 1900-01	5,643	12	0			
Savings Bank and Advances ..	5,130	15	0			
				15,840	5	0
				15,990	5	0

STATEMENT No. 14.

Fund Account, in Account with R.A.S.B.

1940.

1929, by the Brühl Farewell Committee.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			992	15	0
Interest realized during the year			34	12	0
Appreciation on Investments revalued on 31-12-1940			64	6	0
				<hr/>		
				1,092	1	0

STATEMENT No. 15.

Fund Account, in Account with R.A.S.B.

1940.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			5,995	9	6
Balance from Building Fund Account			6,321	9	6
Transfer from R.A.S.B. General Fund			2,000	0	0
				<hr/>		
				14,317	3	0

STATEMENT No. 16.

Account, in Account with R.A.S.B.

1940.

Society and its Staff.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account ..	....			14,330	6	11
Interest realized during the year ..	13	2	0			
Staff Contribution for the year ..	642	0	0			
Society's Contribution for the year ..	642	0	0			
	<hr/>			1,297	2	0
Interest realized from Savings Bank ..	....			310	4	1
Appreciation on Investments revalued on 31-12-1940 .. ..	....			52	8	0
				<hr/>		
				15,990	5	0

STATEMENT No. 17.

1940.

Advances Account,

		Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account			1,895	0	0
Payments during the year			2,215	0	0
					<hr/>		
					4,110	0	0

STATEMENT No. 18.

1940.

Personal

		Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account	..	....			3,852	13	9
Advances	..	....			2,619	0	3
R.A.S.B.'s Subscriptions, etc.	..	12,019	4	0			
Book sales, etc	..	5,185	12	3			
		<hr/>			17,205	0	3

23,676 14 3

STATEMENT No. 19.

1940.

Publication Fund Account,

		Rs.	As.	P.	Rs.	As.	P.
To Books returned, etc.			26	3	0
Special Binding (Plate books)			1,710	0	0
Printing, Journal and Memoirs			2,196	12	3
Balance as per Balance Sheet			4,403	15	0
					<hr/>		
					8,336	14	3

STATEMENT No. 17.

in Account with R.A.S.B.

1940.

		Rs.	As.	P.	Rs.	As.	P.
By Refunds during the year			1,635	0	0
Balance as per Balance Sheet			2,475	0	0
					4,110	0	0

STATEMENT No. 18.

Account.

1940.

		Rs.	As.	P.	Rs.	As.	P.
By Cash Receipts during the year			18,208	4	0
Books returned			26	3	0
Bad Debts written off, R.A.S.B.			1,175	0	0
Balance as per Balance Sheet			4,267	7	3

Outstandings.	Amount due to the Society.			Amount due by the Society.		
	Rs.	As.	P.	Rs.	As.	P.
Members	3,263	11	0	468	14	6
Subscribers, etc.	72	0	0	24	0	0
Bill Collector's Deposit	...	...	...	100	0	0
Miscellaneous	1,537	12	3	13	1	6
	4,873	7	3	606	0	0

23,676 14 3

STATEMENT No. 19.

in Account with R.A.S.B.

1940.

		Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			7,824	8	6
Cash Sale of Publications			512	5	9

8,336 14 3

STATEMENT No. 20.

1940.

(1) Deposit Account (Savings Bank)

	Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account ..	....			1,380	10	11
Deposit of Interest realized from loans during the year ..	13	2	0			
Deposit of Contributions during the year ..	1,291	14	0			
Deposit of Advances returned ..	1,635	0	0			
Transfer from Current Account ..	390	0	0			
				3,330	0	0
Interest for the year ..	....			310	4	1
				5,020	15	0

STATEMENT No. 21.

1940.

(2) Deposit Account (Fixed Deposit)

	Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account			50,000	0	0
Deposit during the year			10,000	0	0
				60,000	0	0

STATEMENT No. 20.*Deposit with Imperial Bank of India).***1940.**

	Rs.	As.	P.	Rs.	As.	P.
By Withdrawal for Staff Advances, etc.			2,365	0	0
Balance as per Balance Sheet			2,655	15	0

 5,020 15 0

STATEMENT No. 21.*with Imperial Bank of India).***1940.**

	Rs.	As.	P.	Rs.	As.	P.
By Withdrawal during the year			20,000	0	0
Balance as per Balance Sheet			40,000	0	0
				60,000	0	0

STATEMENT No. 22.

1940.

(3) Investments

	Rs.	As.	P.
To Balance from last Account	2,91,062	4	0
Appreciation on Investments revalued on 31-12-1940	19,959	0	0
Appreciation on Transfer to Provident Fund	352	8	0
	<u>3,11,373</u>	<u>12</u>	<u>0</u>

Face Value Rs.	FUNDS.	Rate @ Rs. %	31st December, 1940, Valuation.		31st December, 1939, Valuation or cost.		Appreciation	
			Rs.	A. P.	Rs.	A. P.	Rs.	A. P.
	ROYAL ASIATIC SOCIETY OF BENGAL.							
	PERMANENT RESERVE.							
16,700	3½% G. P. Notes, 1842-43	}						
1,53,700	3½% G. P. Notes, 1854-55							
44,300	3½% G. P. Notes, 1865							
6,000	3½% G. P. Notes, 1879							
83,000	3½% G. P. Notes, 1900-01							
2,53,700								
500	3% G. P. Notes, 1893-97	94/1/-	2,38,636	9 0	2,22,304	10 0	16,331	15 0
		80/11/-	404	6 0	378	12 0	25	10 0
	TEMPORARY RESERVE.							
12,000	3½% G. P. Notes, 1900-01	94/1/-	11,287	8 0	10,515	0 0	772	8 0
11,400	4½% Loan, 1955-60	112/8/-	12,825	0 0	12,205	2 0	619	14 0
	BARCLAY MEMORIAL FUND.							
700	3½% G. P. Notes, 1854-55	94/1/-	658	7 0	613	6 0	45	1 0
	SERVANTS' PENSION FUND.							
3,000	3½% G. P. Notes, 1854-55	94/1/-	2,821	14 0	2,628	12 0	193	2 0
	ANNANDALE MEMORIAL FUND.							
4,000	3½% G. P. Notes, 1854-55	94/1/-	3,762	8 0	3,505	0 0	257	8 0
	PERMANENT LIBRARY ENDOWMENT FUND.							
14,000	3½% G. P. Notes, 1854-55	94/1/-	13,168	12 0	12,367	8 0	801	4 0
	SIR WILLIAM JONES MEMORIAL FUND.							
3,000	3½% G. P. Notes, 1854-55	94/1/-	2,821	14 0	2,628	12 0	193	2 0
	PRAMATHANATH ROSE MEMORIAL FUND.							
800	3½% G. P. Notes, 1842-43	}						
1,000	3½% G. P. Notes, 1865		1,633	2 0	1,577	4 0	115	14 0
	JOY GOBIND LAW MEMORIAL FUND.							
3,000	3½% G. P. Notes, 1854-55	94/1/-	2,821	14 0	2,628	12 0	193	2 0
	CALCUTTA SCIENCE CONGRESS PRIZE FUND.							
3,000	3½% G. P. Notes, 1854-55	94/1/-	2,821	14 0	2,628	12 0	193	2 0
	DR. BRÜHL MEMORIAL FUND.							
1,000	3½% G. P. Notes, 1854-55	94/1/-	940	10 0	876	4 0	64	6 0
	PROVIDENT FUND.							
5,000	3% Loan, 1941	101/5/-	5,065	10 0	5,046	14 0	18	12 0
6,000	3½% G. P. Notes, 1900-01	94/1/-	5,643	12 0	5,610	0 0	33	12 0
3,22,100			3,05,373	12 0	2,85,414	12 0	19,959	0 0

STATEMENT No. 22.

Account.

1940.

	Rs.	As.	P.
By Transfer of Fixed Deposit to Imperial			
Bank Current Account	6,000	0	0
Balance as per Balance Sheet	3,05,373	12	0
	3,11,373	12	0

STATEMENT No. 23.

1940.

Cash

For the year ended 31st

To	Rs.	As.	P.	Rs.	As.	P.
Balance from last Account			13,616	13	4
General Fund Account			36,158	2	11
Oriental Publication Fund No. 1 Account			7,200	0	0
Sanskrit Manuscripts Fund Account			8,000	0	0
Arabic and Persian Manuscripts Fund Account			2,500	0	0
Barclay Memorial Fund Account			24	4	0
Servants' Pension Fund Account			104	12	0
Annandale Memorial Fund Account			138	8	0
Permanent Library Endowment Fund Account			509	0	0
Sir William Jones Memorial Fund Account			104	12	0
Joy Gobind Law Memorial Fund Account			104	12	0
Calcutta Science Congress Prize Fund Account			104	12	0
Dr. Brühl Memorial Fund Account			34	12	0
Pramathanath Bose Memorial Fund Account			52	2	0
Provident Fund Account			1,297	2	0
Advances Account			1,635	0	0
Personal Account			18,208	4	0
Publication Fund Account			512	5	9
Savings Bank Deposit Account, Imperial Bank of India, Calcutta			2,365	0	0
Fixed Deposit Account, Imperial Bank of India, Calcutta			20,000	0	0
Investments Account			6,000	0	0
				<hr/>		
				1,18,670	6	0
				<hr/>		

*

STATEMENT No. 23.

Account.

1940.

December, 1940.

By	Rs. As. P.	Rs. As. P.
General Fund Account	63,111 15 6
Oriental Publication Fund No. 1 Account	9,320 3 6
Oriental Publication Fund No. 2 Account	7,940 0 9
Sanskrit Manuscripts Fund Account	4,644 2 3
Arabic and Persian Manuscripts Fund Account	4,224 2 0
Barclay Memorial Fund Account	19 2 0
Servants' Pension Fund Account	132 0 0
Annandale Memorial Fund Account	221 8 0
Provident Fund Account	150 0 0
Advances Account	2,215 0 0
Personal Account	2,619 0 3
Publication Fund Account	3,906 12 3
Savings Bank Deposit Account, Imperial Bank of India	3,330 0 0
Fixed Deposit Account, Imperial Bank of India	10,000 0 0
Balance as per Balance Sheet—		
In hand	14 8 6
With the Imperial Bank of India, on Current Account	6,821 15 0

1,18,670 6 0

STATEMENT No. 24.

1940.

Balance

As at 31st

LIABILITIES.

	Rs.	As.	P.	Rs.	As.	P.
General Fund Account	2,83,041	8 10			
Oriental Publication Fund No. 1 Account	12,148	3 8			
Sanskrit Manuscripts Fund Account	18,179	15 0			
Barclay Memorial Fund Account	735	13 8			
Servants' Pension Fund Account	3,660	0 8			
Annandale Memorial Fund Account	4,386	12 9			
Permanent Library Endowment Fund Account	15,906	3 8			
Sir William Jones Memorial Fund Account	3,075	13 0			
Pramathanath Bose Memorial Fund Account	2,006	7 0			
Joy Gobind Law Memorial Fund Account	3,030	14 0			
Calcutta Science Congress Prize Fund Account	4,009	8 7			
Dr. Brühl Memorial Fund Account	1,092	1 0			
Building Repair Fund Account	4,317	3 0			
Provident Fund Account	15,840	5 0			
Publication Fund Account	4,403	15 0			
Personal Account—Sundry Liabilities	606	0 0			
		<u>3,76,440</u>	<u>12 10</u>			

We have examined the above Balance Sheet and the appended detailed accounts with the Books and Vouchers presented to us and certify that they are in accordance therewith, and, in our opinion, set forth correctly the position of the Society as at 31st December, 1940.

PRICE, WATERHOUSE, PEAT & Co.,

Calcutta,
27th January, 1941.

Auditors,
Chartered Accountants,
Registered Accountants.

STATEMENT No. 24.

Sheet.

1940.

December, 1940.

ASSETS.

	Rs.	As.	P.	Rs.	As.	P.
Oriental Publication Fund No. 2 Account	11,084	15	10			
Arabic and Persian Manuscripts Fund Account	3,141	3	3			
				14,226	3	1
Advances Account	2,475	0	0			
Personal Account—Sundry Outstandings ..	4,873	7	3			
				7,348	7	3
Deposits :—						
Savings Bank Deposit Account, Imperial Bank of India	2,655	15	0			
Fixed Deposit Account, Imperial Bank of India	40,000	0	0			
				42,655	15	0
Investments Account				3,05,373	12	0
Cash Account :—						
In hand	14	8	6			
With the Imperial Bank of India, on Current Account	6,821	15	0			
				6,836	7	6
				3,76,440	12	10

BAINI PRASHAD,
Honorary Treasurer.

[APPENDIX IV.]

Abstract Proceedings Council, 1940.

(Rule 48 f.)

ACCOMMODATION—

Letter of thanks from the Honorary Secretary, Mining, Geological and Metallurgical Institute of India, for the use of the Society's rooms on the occasion of the last Annual General Meeting of the Institute. Record.

No. 7.

29-1-40.

A letter from the Modern Society to hold an Art Exhibition in one of the Society's rooms (downstairs) in which pictures of historical interest will be on view. Offer a room to them on the ground floor provided that the Society incurs no liability or expenses as a result of the exhibition.

No. 2.

29-7-40.

Letter dated 24-10-40 from the Honorary Secretary, Mining, Geological and Metallurgical Institute of India requesting the use of the Society's Hall for their Annual Meeting on Friday, the 10th January, 1941. Record.

No. 20.

27-11-40.

ANNUAL MEETING—

Consideration of the Annual Report for 1939. Proposed by Mr. Percy Brown, seconded by Dr. J. N. Mukherjee that the Annual Report, as amended, be adopted. Carried unanimously.

Special.

17-1-40.

Annual Meeting. Record.

No. 13.

29-1-40.

Provision for loud-speaker for the Annual Meeting. Resolved that the General Secretary arrange for the loan of the loud-speaker from the Calcutta University and that incidental expenses incurred thereby shall be borne by the Society.

No. 15.

29-1-40.

Letter D.O. No. 4134G dated 12-12-40 from the Private Secretary to His Excellency the Governor of Bengal expressing the inability of His Excellency to be present and preside over the Annual Meeting of the Society. President to personally approach His Excellency on the subject after the holidays.

No. 22.

20-12-40.

ARTISTIC POSSESSIONS—

Letter dated 23-8-40 from Mr. K. C. Roy, sculptor, offering to undertake the execution either in marble or in bronze plate of the plaster of Paris plaque of Sir William Jones translating Sakuntala at a cost of Rs.400 or Rs.150 respectively. Request Maharaja Sir Pradyot Coomar Tagore for a donation to execute a marble statue.

No. 25.

27-8-40.

Letter from Maharaja Sir Pradyot Coomar Tagore dated 27th September 1940 in reply to the General Secretary's request to bear the cost of the Paris plaster plaque of Sir William Jones translating the Abhinavasaakuntalam, executed in marble. Record.

No. 9.

27-11-40.

BIBLIOTHECA INDICA—

Recommendation Publication Committee No. 2 of 23-1-40. Letter from Prof. Chintaharan Chakravarti offering to complete Bibliotheca Indica work on 'Dharmabindu'. Accept the offer at the customary lower rate of remuneration. Accepted by Council.

No. 11.

29-1-40.

Recommendation Publication Committee No. 3 of 23-1-40. Letter from Trin Chen offering to complete the Bibliotheca Indica work on 'Dowazangmo' by Mr. Karma Paul. Accept at the customary lower rate of remuneration. A specimen of Mr. Trin Chen's work should be reviewed by a Tibetan scholar. Accepted by Council.

No. 11.

29-1-40.

Recommendation Publication Committee No. 5 of 23-1-40. Standardization of the size of our Bibliotheca Indica publications. Standardize to 4to. and 8vo. only. Accepted by Council.

No. 11.

29-1-40.

Recommendation Publication Committee No. 6 of 23-1-40. Letter from Prof. Raghu Vira regarding remuneration for preparing Mantra Index to the Vaikhanasasrautasutra. Rs.120 to be paid as a special case. No mention of the International Academy of Indian Culture to be made in the prefatory note. Accepted by Council.

No. 11.

29-1-40.

Recommendation Publication Committee No. 2 of 23-2-40. Letter from Mr. K. S. Paul regarding revision of the Tibetan work on 'Dowazangmo'. Inform Mr. Paul that Mr. Trin Chen has been asked to do the work and trust that there will be no objection to this arrangement. Accepted by Council.

No. 13.

27-2-40.

Recommendation Publication Committee No. 3 of 23-2-40. New Work for Bibliotheca Indica Series by Dr. Rama Chaudhuri on 'Doctrine of Nimbarka'. Accepted by Council.

No. 13.

27-2-40.

Recommendation Publication Committee No. 2 of 22-4-40. Letter from the B. M. Press regarding the binding of Bibliotheca Indica works and the action taken thereon. Confirm General Secretary's action. Arrangements to be made for storage of the formes on the Society's premises. If required the works to be separately insured. Accepted by Council.

No. 10.

29-4-40.

Recommendation Publication Committee No. 3 of 22-4-40. Report on the Tibetan work 'Dowazangmo' in the Bibliotheca Indica Series. Work to be stopped and the type distributed. The MS. to be returned to the editor. The work may be undertaken at a later date when a competent editor and a reliable MS. are available. Accepted by Council.

No. 10.

29-4-40.

Recommendation Bibliotheca Indica Committee No. 5 of 22-4-40. Request of Mr. A. G. Shirreff for permission to complete the translation of Malik Muhammad Jaisi's 'Padmavati', the text of which was published in the Bibliotheca Indica Series under the editorship of Sir George A. Grierson. Permission to be granted to Mr. Shirreff to complete the translation. The Benares edition of the work to be used for this purpose. A copy of this edition to be purchased by the Society. Accepted by Council.

No. 10.

29-4-40.

Extract from a letter from Rev. W. J. L. Wenger. Record. The General Secretary to approach the Government of Assam for a grant to meet the cost of publishing the Lushai-English Dictionary.

No. 14.

29-4-40.

Recommendation Bibliotheca Indica Committee No. 2 of 22-7-40. Application from Mr. Narendra Chandra Vedantatirtha with a letter of recommendation from the Philological Secretary, Dr. S. K. Chatterji, suggesting the undertaking of the publication in the Bibliotheca Indica Series of the English translation of Tattvacintamani and Sabdasakti-prakasika. Dr. S. K. Chatterji withdrew his recommendation in view of the Society's financial commitments. Accepted by Council.

No. 12.

27-8-40.

Recommendation Bibliotheca Indica Committee No. 3 of 22-7-40. A letter from the Philological Secretary, Dr. S. K. Chatterji, suggesting the publication of the remaining portion of the Tatparyaparisuddhi—the first part of which has already been published by the Society under the editorship of the late Lakshmana Sastri Dravida. Postpone consideration till a complete list of the Society's publications that are still incomplete be prepared. Accepted by Council.

No. 12.

27-8-40.

Recommendation Bibliotheca Indica Committee No. 4 of 22-7-40. Application from Dr. Mahdi Hosain of the Agra University with a letter of recommendation from Prof. M. Mahfuz-ul Haq, the Joint Philological Secretary, suggesting the importance of the publication of the English translation of Ibn Batuta's works. Postpone consideration till funds are available. Accepted by Council.

No. 12.

27-8-40.

Recommendation Bibliotheca Indica Committee No. 5(a) of 22-7-40. A letter from the Joint Philological Secretary, Prof. M. Mahfuz-ul Haq recommending the publication in the Bibliotheca Indica Series of Ta'rikh-i-Nusratjangi or a History of Dacca by Nawab Nasrat Jang, the Nawab of the City, 1817. Translated by Dr. M. I. Borah. The publication of the translation cannot be undertaken because of paucity of funds in Oriental Publication Fund No. 1. Accepted by Council.

No. 12.

27-8-40.

Recommendation Bibliotheca Indica Committee No. 5(b) of 22-7-40. A letter from the Joint Philological Secretary, Prof. M. Mahfuz-ul Haq, recommending the publication in the Bibliotheca Indica Series of the Futuh-i-Firuz Shahi (the Victories of Sultan Firuz Shah), by N. B. Roy. Publish in the Journal of the Society. Accepted by Council.

No. 12.

27-8-40.

Recommendation Bibliotheca Indica Committee of 22-7-40. On the recommendation of Sir Jadunath Sarkar it was agreed that:

(a) A full list be prepared of works published or undertaken to be published by the Society, but which are incomplete, (b) The Committee examine the list and determine the priority of their publication, (c) In future not fasciculi but complete volumes be published, (d) Care be taken to publish only those portions of historical works which are of real value to the students interested in historical research, (e) Prof. Sarkar be requested to send a note on the list when it is prepared. Accepted by Council.

No. 12.

27-8-40.

Recommendation Publication Committee No. 5 of 21-8-40. Letter from Dr. S. K. Chatterji regarding Dr. A. H. Francke's work in the *Bibliotheca Indica* on 'Kesar Saga'. Accept Dr. Chatterji's suggestions. Accepted by Council.

No. 17.

27-8-40.

Letter from Mr. J. P. Mills, regretting the inability of the Assam Government to provide funds for the Lushai-English Dictionary which is being published by the Society. Record.

No. 24.

27-8-40.

Recommendations of the *Bibliotheca Indica* Committee of 22-7-40. Accept.

No. 12.

27-8-40.

A letter from the Honorary Secretary, Royal Asiatic Society, Bombay Branch, appreciating the presentation of 18 volumes of the *Bibliotheca Indica* Series. Record.

No. 8.

24-9-40.

The General Secretary informed the Council that Dr. M. Hidayat Hosain, who is preparing the Catalogue of the Arabic and Persian MSS., and receiving as honorarium Rs.200 per month for this work, has, in view of the poor financial position of the fund, agreed to accept only Rs.100 from October 1940 onwards. Resolved that the thanks of the Society be conveyed to him for his action.

No. 15.

24-9-40.

Consideration regarding incomplete printed formes of Manuscripti. Report to the Committee appointed for consideration of the disposal of incomplete books, waste papers, etc.

No. 16.

27-11-40.

Letter dated 27-11-40 from Rev. W. J. L. Wenger requesting the Society to reduce the price of the Lushai-English Dictionary from Rs.13 to Rs.8 so that about 200 copies may be sold. Reduce the price to Rs.10 per copy if for orders of 100 copies or thereabout.

No. 3.

20-12-40.

BUDGET—

Letter from the Secretary to the Government of India, Department of Education, Health and Lands, regretting the inability of Government to restore the grant for Arabic and Persian MSS. to its original figure of Rs.5,000 during 1940-41. The position will, however, be reviewed in connection with the budget estimates for 1941-42. Record.

No. 20.

27-2-40.

Recommendation Special Finance Committee No. 1 of 20-3-40. Revised estimates, with notes thereon, for the year 1940. (a) That the amount to be paid for steel shelving in 1940 be met as under:

- (1) Sanskrit MSS. Fund—Rs.8,000.
- (2) Building Fund—Rs.10,000.
- (3) Balance from the General Fund.

(b) That the additional amounts required for the Journal and Memoirs, and Special Binding be met from the Publication Fund, (c) That the International Catalogue of Scientific Literature Account be closed and that the balance of Rs.4,374-7-8 be transferred to the Temporary Reserve. In the event of any future claim being made by the Royal Society it will be dealt with on its merits, (d) That the work on publications financed from Oriental Publication Fund No. 1 be slowed up so that works published may be paid for as funds are available. This Fund should not be allowed to run into debt, (e) That the work on publications financed from Oriental Publication Fund No. 2 be considerably retarded so that the Fund may again become solvent at as early a date as possible, (f) That a further representation be made to the Government of India after the commencement of the next financial year (1st April 1940) reiterating the need for restoration of the grant for Arabic and Persian MSS. to the original sum of Rs.5,000 per annum, (g) That the Treasurer shall endeavour to simplify the form in which the accounts are now presented, by putting Medal and Memorial Funds, and by separating the Society's Funds from the Special Funds, (h) That no commitments of any kind shall be incurred without very careful consideration and without the definite report of the Treasurer that funds are available, (i) That the bulk of the annual issues of the Journal be reduced from 1940 from 1,200 pages to 800, (j) That a revised statement be prepared as early as possible by the Treasurer taking all these recommendations into consideration and that this revised statement be submitted to a special meeting of the Finance Committee for consideration, (k) That a general appeal be issued to Governments, to learned bodies, and to wealthy individual members and well-wishers for special donations for the Library to cover the cost of replacement of books, re-binding and repair of Manuscripts and books. Council order: Accept. The final recommendations of the Special Finance Committee to be circulated to members of Council.

No. 15.

27-3-40.

Recommendation Finance Committee No. 4 of 21-5-40. Regularization of amounts expended in excess of budget sanction and provision of fund for the remainder of the year 1940. Regularize the over expenditure of Rs.214-2-6 in the postage account and allot a further sum of Rs.1,350 to meet expenditure under postage for the remainder of the year. Accepted by Council.

No. 12.

27-5-40.

Recommendation Finance Committee No. 8 of 20-6-40. Regularization of amounts expended in excess of budget sanction and provision of funds for the remainder of the year, 1940. (1) Regularize the over expenditure of Rs.127-1-6 in the "Stationery" account and allot a further sum of Rs.322-14-6 to meet expenditure under this head for the rest of the year. (2) Allot Rs.350 to "Contingencies" account and Rs.200 to "Printing Circulars, Forms, etc." account to meet increased expenditure under these heads for the remainder of the year. Accepted by Council.

No. 9.

28-6-40.

Recommendation Special Finance Committee No. 1 of 16-12-40. Budget estimates for 1941. Unanimously recommend to Council

that the estimates as placed before the Committee be adopted. Accepted by Council.
No. 8. 20-12-40.

Recommendation Finance Committee No. 3(d) of 20-12-40. Budget estimates for 1941. Accepted by Council.
No. 9. 20-12-40.

BUILDING—

Provision of doors and nets of expanded metal for the stock rooms and 3 doors for the North-West Library downstairs along with estimates. Postpone consideration till January.
No. 23. 20-12-40.

COMMITTEES—

Outstanding items of the Special Enquiry Committee's (1939) recommendations. Resolved (1) that the Bibliotheca Indica Committee for 1940-41 be composed of

Dr. S. K. Chatterji,
Prof. M. Mahfuz-ul Haq,
Dr. B. C. Law,
Sir S. Radhakrishnan,
Sir Jadunath Sarkar,
Dr. M. Z. Siddiqi and the
Ex-Officio members,

(2) that Sir S. Radhakrishnan be appointed Additional Secretary for Philosophy, (3) that Dr. Kalidas Nag be appointed Additional Secretary for History and Archaeology, (4) that the remaining items be considered after the deliberations of the special meeting of the Finance Committee referred to in Minute II.

No. 14.

27-2-40.

Constitution of Standing Committees of the Society for 1940-41. (a) Finance, (b) Library and (c) Publication. That the following shall constitute the Standing Committees of the Society for 1940-41 :—

(a) Finance Committee :

President	} <i>Ex-Officio.</i>
Treasurer	
General Secretary	
Dr. C. S. Fox.	
Dr. S. C. Law.	
Dr. Syamaprasad Mookerjee.	
Dr. J. N. Mukherjee and	
Major C. L. Pasricha.	

(b) Library Committee :

President	} <i>Ex-Officio.</i>
Treasurer	
General Secretary	

Philological	} <i>Secretaries.</i>
Jt. Philological	
Biological	
Physical Science	
Anthropological	
Medical	
Library	
Philosophical	
Historical and Archæological	

(c) *Publication Committee :*

President	} <i>Ex-Officio.</i>
Treasurer	
General Secretary	} <i>Secretaries.</i>
Philological	
Jt. Philological	
Biological	
Physical Science	
Anthropological	
Medical	
Library	
Philosophical	
Historical and Archæological	

Further resolved that the Library and Publication Committees shall have power to co-opt.

No. 15.

27-2-40.

Letter dated 24-5-40 from Dr. S. Krishnaswami Aiyangar suggesting that the centenary of the deciphering of the Asoka inscriptions by James Prinsep should be suitably celebrated by the Society. Resolved that Dr. Kalidas Nag, Mr. H. C. Chakladar and Dr. B. S. Guha should form a sub-committee to consider publication of a special number of the Society's Journal in commemoration of the centenary of James Prinsep.

No. 1.

28-6-40.

On the motion of Dr. Kalidas Nag it was resolved that a sub-committee consisting of the following: Dr. Kalidas Nag, Major C. L. Pasricha, Col. R. N. Chopra, Mr. Percy Brown, Dr. C. S. Fox and Dr. B. S. Guha be requested to make the necessary arrangements and advise as to the most suitable method of expressing the Society's felicitations on the 80th birthday of Sir P. C. Ray, one of the most distinguished and oldest fellows of the Society, and Sir Nilratan Sircar, a well-known physician of Calcutta.

No. 12.

24-9-40.

Letter No. 596(5)-R.R. of 12-12-40 from the Government of Bengal together with enclosures asking the Society's suggestion in connection with the reorganization of the Indian Historical Records Commission. Appoint a special committee consisting of Dr. S. K. Chatterji, Mr. M. Mahfuz-ul Haq and the General Secretary to consider the matter.

No. 25.

20-12-40.

COUNCIL—

Vote of thanks to the outgoing members of Council. Resolved that the Council's thanks be conveyed to the outgoing members of Council.

No. 14.

29-1-40.

Acceptance of seat on Council by the Council Members. Record.
The Chairman extended a hearty welcome to the new members.

No. 1. 27-2-40.

Note on the classification of Council Circulars. Accept and Record.
No. 3. 27-3-40.

Letter from Mr. Percy Brown notifying his absence from Calcutta for the months of April, May and June 1940. Record.

No. 15. 29-4-40.

Council meetings during recess months. No meetings to be convened unless for special reasons.

No. 26. 27-8-40.

Letter from the Treasurer, R.A.S.B., dated 14th September 1940, intimating his absence from Calcutta for three weeks from 16th September 1940. Record.

No. 9. 24-9-40.

Resolved that no meetings be held in October.

No. 11. 24-9-40.

Intimation from the General Secretary that he will go out of Calcutta in October. Record and request Dr. Bains Prashad to act as General Secretary in addition to his own duties during the absence of Dr. B. S. Guha.

No. 13. 24-9-40.

Informal consideration regarding composition of Council for 1941-42.

After discussion the following list of candidates for nomination to next year's Council was placed before the meeting for consideration :—

President	..	..	The Hon'ble Mr. Justice John Lort-Williams, Kt., K.C.
Vice-President	..	..	Bt.-Col. R. N. Chopra.
" "	..	..	Dr. C. S. Fox.
" "	..	..	Dr. S. P. Mookerjee.
" "	..	..	Sir S. Radhakrishnan.
General Secretary	..	..	Dr. B. S. Guha.
Treasurer	..	..	Dr. Bains Prashad.
Philological Secretary	..	..	Dr. S. K. Chatterji.
Jt. Philological Secretary	..	..	Mr. M. Mahfuz-ul Haq.
Nat. Hist. Secretary (Biology)	..	..	Dr. K. P. Biswas.
" " " (Phys. Science)	..	..	Dr. M. N. Saha.
Philosophical Secretary	..	..	Prof. Vanamali Vedantatirtha.
Anthropological Secretary	..	..	Mr. H. C. Chakladar.
Historical and Archaeological Secretary	..	..	Dr. Kalidas Nag.
Medical Secretary	..	..	Major C. L. Pasricha.
Library Secretary	..	..	Dr. J. N. Mukherjee.
Member of Council	..	..	Dr. S. C. Law.
" "	..	..	Dr. M. Z. Siddiqi.
" "	..	..	Mr. C. W. Gurner.
" "	..	..	The Hon'ble Mr. Justice N. G. A. Edgley.

Unanimously resolved that the General Secretary do print and circulate to the members of the Council the list of the Council as at present constituted, together with the new list placed before the meeting, and provided with a blank column for additional names, and that these lists be returned to the General Secretary within a week of the date

of issue, and that a list be compiled of the candidates finally proposed and be placed before the next Council meeting to be voted upon.

No. 2. 27-11-40.

Fixing date of the Council and Committee meetings for December 1940. The Council and the Committee meetings to meet on Friday, the 20th December 1940.

No. 7. 27-11-40.

Letter from the Treasurer of the Society dated 20-11-40 intimating his absence from Calcutta from 23-11-40 to 5-12-40. Record. The General Secretary to continue to act for him till 5-12-40.

No. 8. 27-11-40.

Council Nominations, 1941-42. Accept.

No. 4. 20-12-40.

DONATION—

Letter dated the 29th January, 1940, from Sir David Ezra, Kt., enclosing a cheque for Rs.500 as donation towards the renovation of the members' room of the Society. Accept with thanks. On the motion of the President it was resolved that this donation be utilized in any manner decided upon by the Council.

No. 20. 29-1-40.

EXCHANGE OF PUBLICATIONS—

Letter dated the 28th November, 1939, from Cambridge Philosophical Society regretting their inability to exchange their Journals with ours as requested by us in our letter No. 1492, dated the 2nd August, 1939. Record.

No. 3. 29-1-40.

Recommendation Library Committee No. 1 of 23-2-40. Requests for exchange of publications from the Editors, Bharatiya Vidya, Bombay, and Bulletin of the Deccan College, Research Institute, Poona. Exchange Journal only. Accepted by Council.

No. 12. 27-2-40.

Recommendation Library Committee No. 2 of 23-2-40. Request for exchange of publications from the Director, Research Dept., D.A.V. College, Lahore. Exchange Bibliotheca Indica works of equal value. Dr. S. K. Chatterji to select the volumes from their list which the Society needs. Accepted by Council.

No. 12. 27-2-40.

Recommendation Library Committee No. 11 of 23-2-40. Letter from the Librarian, Visva-Bharati, asking for (i) free replacement of a few missing parts of the Society's Journal and (ii) exchange of the Society's with those of the Visva-Bharati, including Rabindranath Tagore's works in Bengali. (i) That parts of the Journal that are available be issued free to complete their sets, (ii) that Memoirs only be exchanged for their publication. Accepted by Council.

No. 12. 27-2-40.

Exchange of publications with the University of Calcutta. A letter to be sent to the Registrar of the University.

No. 20. 29-4-40.

Complete list of institutions with which exchanges of publications are made and also a complete list of institutions and individuals to whom free copies of the Society's Bibliotheca Indica Series are sent. A sub-committee consisting of Dr. J. N. Mukherjee, Dr. Kalidas Nag, Major C. L. Pasricha and the *ex-officio* members was appointed to review the lists, and to report to the Council.

No. 4.

29-4-40.

Recommendation Library Committee No. 1 of 21-5-40. Application for an exchange of publications from the Bangiya Sahitya Parishat, Calcutta. Exchange Sanskrit, Hindi and other Indian Vernacular and Tibetan works in the Bibliotheca Indica Series. Accepted by Council.

No. 13.

27-5-40.

Recommendation Library Committee No. 2 of 21-5-40. Application for an exchange of Sanskrit publications from the Sanskrit Sahitya Parishat, Calcutta. Exchange Sanskrit texts in the Bibliotheca Indica Series. Accepted by Council.

No. 13.

27-5-40.

Recommendation Library Committee No. 2 of 20-6-40. Application from the Stanford University Libraries requesting exchange of publications. Refer to the Committee appointed for revising the existing list of exchanges. Accepted by Council.

No. 10.

28-6-40.

Correspondence with the Research Office, Scientific and Industrial Research, Alipore, Calcutta, offering to present the publications of the department in exchange for the privilege of borrowing books from the Society's Library. Agree.

No. 1.

27-8-40.

Recommendations of the Exchange and Free-distribution Sub-Committee of 21-8-40. Accept and Record.

No. 14.

27-8-40.

FINANCE—

Recommendation Finance Committee No. 2(a) of 23-1-40. The Auditors' (Messrs. Price, Waterhouse, Peat & Co.) Report on the Statement of Accounts for the year ended 31st December 1939. That the following action be taken:

Item 1.—Explain that the amounts actually received during the year on account of Advertising, Rent and Interest are recorded in the General Fund. Accrued items under these heads that have not actually been received are not shown.

Item 2.—*Oriental Publication Fund No. 1*

Explain as in Item 1.

Sanskrit Manuscripts Fund Account.

Explain that the grant from the Government of Bengal to this Fund is an annual one, and that the financial year of that Government is from the 1st April to the 31st March, whereas the Society's financial year is from the 1st January to the 31st December. In some years payment of the grant is received within our financial year and sometimes within the subsequent

year. The practice is to record it in the year's accounts in which it is actually received.

Item 3.—Action has been taken to have these amounts regularized.

Item 4.—Effect to be given to the suggestion.

Item 5.—Action has already been taken under the Rules in respect of Members' outstanding accounts.

The outstanding amounts on account of sales of books, etc., should be written off.

The suggestion regarding the *total* debits and credits shown in the Personal Account being recorded in the Balance Sheet as Sundry Assets and Liabilities should be adopted.

The investment of surpluses of capital funds should be made to the extent practicable.

A reply in the above sense to be sent to the auditors.

Accepted by Council.

No. 9.

29-1-40.

Recommendation Finance Committee No. 2(c) of 23-1-40. Re-investment of Fixed Deposit (Receipt No. A92583, dated 27-1-39) for Rs.10,000 which matures on 27-1-40. Re-invest. Accepted by Council.

No. 9.

29-1-40.

Recommendation Finance Committee No. 5 of 23-1-40. Regularization by the Council of the amounts spent under O.P. Fund No. 2 and Arabic and Persian MSS. Fund for 1939 resulting in those Funds closing with debit balances. Regularize extra expenditure sanctioned. Accepted by Council.

No. 9.

29-1-40.

Recommendation Finance Committee No. 2 of 27-2-40. 15 bills were submitted. Pay. The Honorary Treasurer drew attention to the low state of the current account after these payments have been made. Council order: Accept. A Special Meeting of the Finance Committee should be convened as early as possible to decide on items 5(b); 6, 9 and 10 of the minutes in question.

No. 11.

27-2-40.

Recommendation Finance Committee No. 3 of 27-2-40. Reinvestment of Fixed Deposit of Rs.6,000 (Fixed Deposit Receipt No. 04948) belonging to the Provident Fund which matures on 23-2-40. That the amount available be reinvested in other securities bearing a higher rate of interest on the advice of the Agent, Imperial Bank of India. Further recommended that, if for any reason the market value of such securities falls below the amount paid for them, the securities shall be taken over by the Society, and an amount equivalent to the original purchase price shall be reinvested by the Society for the benefit of the members of the Provident Fund. Council order: Accept. A Special Meeting of the Finance Committee should be convened as early as possible to decide on items 5(b); 6, 9 and 10 of the minutes in question.

No. 11.

27-2-40.

Recommendation Finance Committee No. 9 of 27-2-40. Letter from Dr. M. N. Saha regarding the provision of a modern epidiascope for lectures, etc. As for item 5(b). Council order: Accept. A Special Meeting of the Finance Committee should be convened as early as possible to decide on items 5(b), 6, 9 and 10 of the minutes in question.

No. 11.

27-2-40.

Recommendation Finance Committee No. 10 of 27-2-40. Review of items, involving expenditure, on which decisions have already been issued, or which require urgent consideration. As for item 5(b). Council order: Accept. A Special Meeting of the Finance Committee should be convened as early as possible to decide on items 5(b), 6, 9 and 10 of the minutes in question.

No. 11.

27-2-40.

Letter to the Agent, Imperial Bank of India, Park Street Branch, re virtual sale of securities held in the Temporary Reserve. Approve transfer of securities valued at Rs.6,000 from the Temporary Reserve to the Provident Fund and adjust the accounts in the terms of the letter.

No. 7.

27-3-40.

Recommendations of the Special Finance Committee of 20-3-40. Accept. The final recommendations of the Special Finance Committee to be circulated to members of the Council.

No. 15.

27-3-40.

Recommendation Finance Committee No. 3 (a) of 27-3-40. Re-investment of a Fixed Deposit (Receipt No. 04959) of Rs.10,000 with the Imperial Bank of India which will mature on 1st April 1940. Reinvest for 12 months. Accepted by Council.

No. 16.

27-3-40.

Recommendation Finance Committee No. 4 of 27-3-40. Advance given to Mr. J. R. Seal, Assistant Secretary, of Rs.350, *vide* his application dated 19-3-40. Sanction, but no further advance to be given until all outstandings have been repaid. Accepted by Council.

No. 16.

27-3-40.

Recommendation Finance Committee No. 4 of 22-4-40. Bill No. 633, dated the 19th April 1940, from Messrs. Bungo Steel Furniture Ltd. for supply of steel furniture . . . Rs.845. Pay Rs.434 in full. An advance proportionate payment may be made against the sum of Rs.2,792 as the goods have been supplied but the work of erecting is not yet completed. Accepted by Council.

No. 7.

29-4-40.

Report by the General Secretary on notices appearing in the Journal of the North China Branch of the Royal Asiatic Society. Record. The President to approach Imperial Chemical Industries (India) Ltd. for a donation to the Society.

No. 19.

29-4-40.

Recommendation Finance Committee No. 5 of 21-5-40. Report by the Treasurer on the available bank balance. Record. Payment of the bills of the Baptist Mission Press listed in minute 2(e), (f) and (g) to be deferred until June 1940. Accepted by Council.

No. 12.

27-5-40.

Recommendation Finance Committee No. 4 of 20-6-40. Consideration of renewal of a Fixed Deposit (Receipt No. 05041) of Rs.10,000 with the Imperial Bank of India, which will mature on 24th June 1940. Realize the Fixed Deposit when it matures, and transfer the sum to the Society's current account together with the interest accrued thereon. Accepted by Council.

No. 9.

28-6-40.

Recommendation Finance Committee No. 6 of 20-6-40. Application dated 5-6-40 from Duffry Abdul Razzak for a loan of Rs. 30 from the Society. Lend without interest. Accepted by Council.

No. 9.

28-6-40.

Recommendation Finance Committee No. 7 of 20-6-40. Application dated 14-6-40 from Pandit Aghore Nath Bhattacharyya for a loan of Rs.60 from the Society. Lend without interest. Accepted by Council.

No. 9.

28-6-40.

Letter from Rockefeller Foundation in reply to the request of the R.A.S.B. for donation. Record.

No. 3.

29-7-40.

Recommendation Finance Committee No. 3(b) of 22-7-40. Reinvestment of a Fixed Deposit (Receipt No. 05108) of Rs.10,000 with the Imperial Bank of India, Park Street Branch, which will mature on 21st August, 1940. Transfer the amount together with the accrued interest to the current account of the Society. Accepted by Council.

No. 12.

29-7-40.

Recommendation Finance Committee No. 4 of 22-7-40. Payment made of a bill of Rs.5 received from the Accounts Officer, Telephone Revenue, Delhi, for a trunk telephone call put through from our telephone on 22nd May, 1940. Enquire from Mr. J. R. Seal if he can throw any light on the matter. Accepted by Council.

No. 12.

29-7-40.

Recommendation Finance Committee No. 2 of 21-8-40. Seven bills were submitted. Pay. Approach the Corporation of Calcutta for exemption of the Society's premises from payment of rates and taxes. Accepted by Council.

No. 15.

27-8-40.

Letter from Dr. D. R. Stevens in reply to the Society's request for the financial support from the Rockefeller Foundation. Record and convey thanks to Dr. Grant.

No. 23.

27-8-40.

Fixing date of the Special Finance Committee Meeting for consideration of the Budget for 1941. (1) Hold it on Thursday, the 12th December, (2) Circulate to the members the draft Budget estimates 2 or 3 days before the meeting.

No. 6.

27-11-40.

Recommendation Finance Committee No. 2 of 22-11-40. Report renewal of a Fixed Deposit (Receipt No. 05157, dated 30-10-39) for Rs.10,000 for a further period of one year, which matured on 30-10-40. Approve. Accepted by Council.

No. 12.

27-11-40.

Recommendation Finance Committee No. 4 of 22-11-40. Report that in accordance with the Council resolution dated the 27th August 1940, the pay bills for the office staff of the Society for the month of October 1940 were paid as a special case without being put up before the Finance Committee for their formal approval. Confirm. Accepted by Council.

No. 12.

27-11-40.

Recommendation Finance Committee No. 6 of 22-11-40. Report sale proceeds of waste papers, etc., amounting to Rs.516. Action approved. Accepted by Council.

No. 12.

27-11-40.

Recommendation Finance Committee No. 12 of 22-11-40. Bad debts to be written off owing to deaths, resignations, operation of Rule 38, Rule 40, etc. Write off. Accepted by Council.

No. 12.

27-11-40.

Recommendation Finance Committee No. 13 of 22-11-40. Amount not claimed in spite of repeated reminders, to be written off from personal account. . . Rs.460-4-0. Adjust. Accepted by Council.

No. 12.

27-11-40.

Recommendation Finance Committee No. 2 of 20-12-40. 9 bills were submitted for payment. (1) Pay bills (a) to (h), (2) As regards (i) make part payment of bill No. 769, dated 18-12-40, to the extent of Rs.3,494. The balance of the bill to be paid after the work is completed. Accepted by Council.

No. 9.

20-12-40.

Recommendation Finance Committee No. 4 of 20-12-40. Authority for payment of bills by the General Secretary and Treasurer till next Finance Committee Meeting. Grant. Accepted by Council.

No. 9.

20-12-40.

INSURANCE—

Recommendation Finance Committee No. 3(b) of 27-3-40. Renewal of Fire Policy No. 15467332 for Rs.2,50,000 covering Building and Contents of No. 1, Park Street, with the Commercial Union Assurance Co., Ltd., at an annual premium of Rs. 312-8-0, which falls due on 19-4-1940. Renew, but the question of insurance should be re-examined before the premium again falls due. Accepted by Council.

No. 16.

27-3-40.

Recommendation Finance Committee No. 5 of 20-6-40. Renewal of Fire Policy No. 20149423 with the Royal Insurance Co., Ltd., for Rs.25,000 covering MSS., etc., on the premises of the Society at an annual premium of Rs. 31-4-0. It will expire on 6th July 1940. The Policy is to be forwarded to Sir John Lort-Williams for examination and to be renewed if approved. Accepted by Council.

No. 9.

28-6-40.

Renewal of Fire Insurance Policies. Resolved that the policies be sent to the President for examination and advice.

No. 20.

28-6-40.

Recommendation Finance Committee No. 3(a) of 22-7-40. Renewal of Fire Insurance Policy No. 15467733 with the Commercial Union Assurance Co., Ltd., for Rs.1,25,000, covering Society's books and

pictures, at an annual premium of Rs.156-4-0, which will fall due on 10th August, 1940. All the assets to be insured with one company and full particulars to be obtained from the Commercial Union and other companies. Accepted by Council.

No. 12.

29-7-40.

Letter from the Commercial Union Assurance Co., Ltd., stating their inability to quote a rate more favourable than 1/8% and pointing out that compensation could be paid to the Society in case of accident only on a *pro rata* basis owing to the under-valuation of the Society's assets.

(a) Accept Dr. Prashad's recommendations that (1) only special assets of the Society be insured and (2) that a policy covering all our property be taken out when funds become available. (b) State that the valuation of the Society's assets at sixteen lakhs is not approximate. (c) Discuss the whole matter with an insurance expert.

No. 2.

27-8-40.

Statement regarding the purchase of some more fire extinguishers (Recommendations No. 3 of the Special Finance Committee of 9-8-40). Purchase from Messrs. The Bengal Chemical and Pharmaceutical Works provided they are certified to by the Test House at Alipore.

No. 11.

27-8-40.

Recommendation Special Finance Committee of 9-8-40. The question of taking up of a comprehensive fire policy according to the suggestion of Finance Committee's meeting held on 22-7-40 and the renewal of an insurance with the Commercial Union covering the Society's books and pictures valued at Rs.1,25,000, which expires on the 10th August 1940. (1) The existing insurance policy No. 15467733 which was to expire on the 10th August 1940 (for Rs.1,25,000) be renewed; (2) A proper valuation of the Society's properties be made so that the Committee may be in a position to recommend further action; (3) Some more fire extinguishers be purchased; (4) Valuable books and MSS. be listed and housed separately as soon as practicable; (5) The Government of India be approached for an annual grant of Rs.2,000 to cover the Insurance of Government properties on permanent loan with the Society which in its depleted financial position the Society finds it impossible to undertake. Accepted by Council.

No. 13.

27-8-40.

Letter dated 23-9-40 from the Assistant Secretary to the Government of Bengal, regretting the inability of the Government to sanction a special grant to the Society to cover the cost of insuring MSS. Record. Write another letter to the Education Secretary asking for a grant of Rs.5,000 for preservation of MSS.

No. 18.

27-11-40.

INVITATIONS—

Letter dated 28-3-40 from the Vice-President, Working Committee, Fourth All-India Library Conference, inviting the Society to attend the 4th Session of the Conference. Record.

No. 12.

29-4-40.

LEASE—

Correspondence resting with letter No. J/2027 of 15-2-40 from Mr. J. N. Basu dealing with the execution of the renewal of lease and advertising agreement with the Standard Vacuum Oil Company. Resolved that the drafts be approved and that the General Secretary be, and hereby is,

authorized to sign both the lease and agreement on behalf of the Royal Asiatic Society of Bengal.

No. 6.

27-2-40.

Letter from Messrs. Standard Vacuum Oil Company dated 28-10-40 requesting permission to build an enclosure for two hydraulic lifts at the Park Street Service Station, together with the opinion of our Solicitors, Messrs. B. N. Basu & Co. (1) Find out from Solicitors whether we have the right to build on this place, and whether the proposal will affect our rights, (2) Ask Messrs. S.V.O. Company to furnish a picture of the structure and site as it will appear when finished.

No. 5.

27-11-40.

Letter dated 7-12-40 from Messrs. B. N. Basu & Co. re Society's right to rebuild on the site let out to Messrs. Standard Vacuum Oil Company. Write again according to President's suggestions.

No. 20.

20-12-40.

LECTURES—

Letter received from Sir Aurel Stein with regard to a General Lecture. Record.

No. 1.

27-3-40.

Report by the General Secretary on the arrangement made for a General Lecture in the Society's Rooms on Wednesday, the 31st July 1940, by Dr. Horace I. Poleman on 'America and Indie Studies'. Record.

No. 17.

29-7-40.

Arrangements for General Lectures. Arrange the following lectures: 1. Mr. Percy Brown—Art of Nepal, 2. Dr. J. B. Grant—Social Reconstruction in China, 3. Dr. S. L. Hora—Edible Fishes in Bengal, and lectures by 4. Sir Sarvapalli Radhakrishnan and 5. Sir N. N. Sircar.

No. 16.

20-12-40.

LIBRARY—

Recommendation Publication Committee No. 7 of 23-1-40. Letter from Dr. U. N. Ghosal regarding the Society's copper-plates and coin collection. Facilities for inspection to be granted. As arrangements have already been made in respect of this work the question of publishing the results does not arise at present, but if any important discovery is made by Dr. Ghosal and his son this may be reconsidered later on. Accepted by Council.

No. 11.

29-1-40.

Letter dated the 25th January, 1940, from Mr. C. A. Carstairs asking that the Rules be amended so that the Society's rooms may be kept open until 7 p.m. daily to enable members to make fuller use of the Society.

Resolved that as an experimental measure for one month the General Secretary shall arrange, without additional expenditure, for the Society's rooms to remain open daily until 7 p.m. (Sundays and gazetted holidays excepted); that half the library staff be allotted duties in alternate weeks to attend (a) from 10 a.m. to 5 p.m. and (b) from 12-30 to 7 p.m., and that a circular letter be issued to all Resident Members informing them of these arrangements. The General Secretary will report to the Council the result of this measure after the expiry of the experimental period.

No. 18.

29-1-40.

Letter dated the 27th January, 1940, from the Editor-in-charge, *Annals of Oriental Research* of the University of Madras stating that the Society has been placed on the free distribution list for the *Annals of Oriental Research* of the University of Madras. Accept with thanks.

No. 19.

29-1-40.

Recommendation Library Committee No. 3 of 23-2-40. Suggestion for the purchase of reference works for use of the Cataloguers of the Society's Arabic and Persian, Sanskrit and Bengali MSS. Request the Finance Committee to provide Rs.965 immediately and to arrange for a further sum of Rs.535 to be allotted for the purpose during the year to make a total of Rs.1,500. Accepted by Council.

No. 12.

27-2-40.

Recommendation Library Committee No. 4 of 23-2-40. List of books missing from the Society's library and the question of their replacement by purchase. The list be scrutinized by the Additional (Sectional) Secretaries, that they select the books needed, and that their recommendations together with a report as to availability and price be submitted to the Council for sanction to purchase. Accepted by Council.

No. 12.

27-2-40.

Recommendation Library Committee No. 5 of 23-2-40. List of parts of sets of periodicals missing from the Society's library and the question of their replacement by purchase. That the publishers be asked to state whether these parts are now available, whether they may be obtained free, or in exchange, or by purchase, and if so, at what price. Further report to be submitted for consideration. Accepted by Council.

No. 12.

27-2-40.

Recommendation Library Committee No. 9 of 23-2-40. Binding and repairing work needed in the library. That the Finance Committee be requested to provide funds and that this matter be given priority. Accepted by Council.

No. 12.

27-2-40.

Recommendation Library Committee No. 10 of 23-2-40. Report on the urgent requirements in the library and a review of the measures already adopted to meet some of these. That the Finance Committee be requested to provide funds and that the order of priority for these items should be: (a) Binding and repairing work. (b) Capital works—electrical installation and furniture. (c) Reference books for cataloguers. (d) Preparation of catalogues. (e) Replacement of missing periodicals. (f) Replacement of missing books. Accepted by Council.

No. 12.

27-2-40.

Recommendation Finance Committee No. 5(a) of 27-2-40. Recommendations of the Library Committee, minutes 23rd February 1940. Item 3—Purchase of reference works for the use of cataloguers of the Society's Arabic and Persian, Sanskrit and Bengali MSS. That a sum of Rs.965 only be provided for this purpose for 1940. Council order: Accept. A Special Meeting of the Finance Committee should be convened as early as possible to decide on items 5(b); 6, 9 and 10 of the minutes in question.

No. 11.

27-2-40.

Recommendation Finance Committee No. 5(b) of 27-2-40. Recommendations of the Library Committee, minutes 23rd February 1940. Items 9 and 10—Binding and repairing work and urgent requirements in the library. That the General Secretary and Treasurer draw up a

detailed statement showing the actual amounts required under each head, and the sources from and the extent to which funds can be made available. This report to be considered by the Finance Committee at a special meeting. Council order: Accept. A Special Meeting of the Finance Committee should be convened as early as possible to decide on items 5(b); 6, 9 and 10 of the minutes in question.

No. 11.

27-2-40.

Report by the General Secretary on the results of keeping the library opened until 7 p.m. on working days during the experimental period of February 1940. Record. The library to continue to remain open until 7 p.m. on working days for the month of March and a further report submitted at the end of that period.

No. 17.

27-2-40.

Further report by the General Secretary on the results of keeping the library open until 7 p.m. on working days during the month of March 1940. The arrangement to continue for another month, a more detailed record to be kept, and a further report submitted to the Council at its next meeting.

No. 13.

27-3-40.

Recommendation Library Committee No. 1 of 20-3-40. Letter from the Deputy Secretary to Government, Punjab, Revenue Department, notifying the discontinuance to the Society of free issues of Punjab District and State Gazetteers. That the Punjab Government be requested to make an exception in the case of the Society in view of the free issue of the Society's publications to that Government. Accepted by Council.

No. 17.

27-3-40.

Recommendation Library Committee No. 2 of 20-3-40. The question of replacement of books missing from the Society's library. Include Prof. Mahfuz-ul Haq's recommendation under item 3 *infra*. No further commitment can be entertained in respect of this list at present. Accepted by Council.

No. 17.

27-3-40.

Further report by the General Secretary on the results of keeping the library open until 7 p.m. on working days during the month of April. Record. The library to remain open until 6 p.m. on working days during May and June and until 7 p.m. during July and August. A further report to be submitted to the Council after that period has elapsed.

No. 6.

29-4-40.

Recommendation Library Committee No. 3(a) of 22-4-40. Purchase of the Notices of Archaeologia Orientalis, Series A, Vols. V and VI Tung-ching-ch'eng and Hung-shan-Hon, Ch'ik-Feng. Write and suggest exchange with our publications of equivalent value. Accepted by Council.

No. 9.

29-4-40.

Letter from Prof. Ghulam Yazdani regarding the presentation to the Society's library by H.E.H. the Nizam's Government of Ajanta by Ghulam Yazdani. A letter of thanks to be sent to H.E.H. the Nizam's Government. A letter also to be sent to Sir Akbar Hydari asking him for a donation to the Society.

No. 16.

29-4-40.

Recommendation Library Committee No. 7 of 21-5-40. Letter from Prof. Raghu Vira requesting the Society to subscribe to the critical edition of Ramayana by Valmiki. Subscribe. Accepted by Council.

No. 14.

27-5-40.

Recommendation Library Committee No. 2 of 22-7-40. Recommendation for the purchase of complete works of Bankim Chandra Chatterji (Royal Edition—Rs.50). Purchase. Accepted by Council.

No. 10.

29-7-40.

Recommendation Library Committee No. 3 of 22-7-40. Report by General Secretary of part receipt of books and manuscript from Sir Ziauddin Ahmad. Record. Accepted by Council.

No. 10.

29-7-40.

A report on the result of keeping the library open after office hours during the last seven months since February. Continue existing arrangements till the end of the current year.

No. 3.

27-8-40.

List of books, etc., outstanding from members of the Society for the period from 1932 to 1-1-1940. Accept the President's suggestions that (a) solicitor's letters be sent to Kumar Harit Krishna Deb, Mr. O. C. Gangoly, Mr. D. C. Chatterjee and Sir U. N. Brahmachari. (b) No further action be taken against Mrs. O. J. Koplanko and Babu Biswanath Basu. (c) Dr. N. C. Sen Gupta be requested to pay the price of a copy of Sukraniti. (d) Letters signed by the President be sent to Mr. M. A. P. Hirtzel, Dr. Stella Kramrisch, Mr. S. C. Seal and Pt. A. C. Vidya-bhusana.

No. 4.

27-8-40.

Recommendation Library Committee No. 1 of 21-8-40. Purchase recommendations for the month. Purchase Nos. 1, 3, 7, 8, 10, 19 and 23. (1) Appoint a small Committee to lay down principles which should underlie the purchase of new books. (2) The remaining books of the present list are to be scrutinized further before they can be recommended for purchase. Accepted by Council.

No. 16.

27-8-40.

Recommendation Library Committee No. 1 of 24-9-40. Letter from Dr. G. Bose of 19-9-40 concerning the recommendation made by him for the purchase of certain books on Psychology in August 1940. In view of the reasons given by Dr. Bose it was decided to purchase all the books recommended by him. Accepted by Council.

No. 3.

24-9-40.

Recommendation Library Committee No. 2 of 24-9-40. Purchase recommendations of books for the month of September 1940. Resolved that the books stated be purchased. Accepted.

No. 3.

24-9-40.

Recommendation Library Committee No. 3 of 24-9-40. Report on the find of certain old and rare books which are not mentioned in the Society's Library Catalogue. Record. Resolved that the present Librarian, Mr. P. O. Matthai, be congratulated on his extremely valuable finds during his stock-taking of the collections of the library. Accepted by Council.

No. 3.

24-9-40.

Presentation to the Society's library of 21 volumes of 'The Times' History of the War by our member, Mr. Chhote Lal Jain, and 57 works in English, Hindi and Gujarati by Sadhu Vujaya Dharma Suri, editor of the Yogasastra. (1) Accept with thanks. (2) Request Dr. S. K. Chatterji to scrutinize the 57 works in English, Hindi and Gujarati and retain only the suitable ones in the library.

No. 6.

24-9-40.

Recommendation Library Committee No. 1 of 22-11-1940. Purchase recommendations for the month. Resolved that in future members be asked to state reasons when recommending books for purchase. Accepted by Council.

No. 13.

27-11-40.

Recommendation Library Committee No. 2 of 22-11-40. The question of the disposal of incomplete books, such as Encyclopaedia, Reports, etc. Resolved that the Library Secretary and the General Secretary be asked to examine and scrutinize all papers, pamphlets, stray copies of Journals and incomplete works that are being found during the process of stock-taking and reorganization of the library, and make their recommendations to the Council regarding their disposal. On the motion of Major C. L. Pasricha it was resolved that the Library Committee takes full responsibility for the disposal of papers, pamphlets, etc., made by the Honorary Treasurer, acting as the General Secretary during the month of October 1940. Accepted by Council.

No. 13.

27-11-40.

Letter from Mr. O. C. Gangoli requesting the loan of 3 volumes of Marshall's Monograph on Sanchi. 1. Decline, as these are valuable works of art containing costly plates. 2. Give him every facility to consult these, if he so desires, in the Society's rooms.

No. 24.

20-12-40.

LOAN OF MSS.—

Recommendation Library Committee No. 5(e) of 23-1-40. Application for loan of MS. from Bhandarkar Oriental Research Institute, Poona, for 'Devabadhas' commentary on the Mahabharata, Adiparva. Lend against an indemnity bond for Rs.150 for 3 months. Accepted by Council.

No. 10.

29-1-40.

Recommendation Library Committee No. 5(d) of 23-1-40. Application for loan from the Vice-Chancellor, Dacca University, of 2 MSS. 'Satapanca-Saddesvatibhaga' and 'Desavalivivrti'. Lend against indemnity bonds for Rs.10 and Rs.150 respectively for 3 months. Accepted by Council.

No. 10.

29-1-40.

Recommendation Library Committee No. 5(c) of 23-1-40. Application for loan from Prof. M. M. Haq of 2 MSS. of 'Riyaz-ush-Shuara' and one of 'Rawdat-ul-Jannat'. Lend as the work for which these are required is being carried out on behalf of the Society. Accepted by Council.

No. 10.

29-1-40.

Recommendation Library Committee No. 5(b) of 23-1-40. Application for loan of MS. from the Principal, A. M. College, Mymensingh, for 'Anisit Jalibin wa wadatus Salikin'. Decline, but a rotograph copy of the MS. may be supplied later on. Accepted by Council.

No. 10.

29-1-40.

Recommendation Library Committee No. 5(a) of 23-1-40. Application for loan of MS. from Librarian, Lytton Library, Aligarh, for 'Chachnama'. Lend against an indemnity bond for Rs.500. Accepted by Council.

No. 10.

29-1-40.

Recommendation Library Committee No. 4(b) of 23-1-40. Application for extension of the period of loan of the MS. of 'Malatimadhava' from Bhandarkar Oriental Research Institute, Poona, for a further period of six months. (This MS. was issued to them on 30-3-39 and an extension was granted till 31-10-39.) Grant an extension of the period of the loan for six months. Accepted by Council.

No. 10.

29-1-40.

Recommendation Library Committee No. 4(a) of 23-1-40. Application for extension of the period of loan of the MS. 'Surjanacarita' from Dr. H. C. Ray. (This MS. was issued on loan to Dr. H. C. Ray on 9-8-1932. He now desires to keep it till his work on it is finished.) Dr. H. C. Ray should be requested to return the MS. and, if he again requires it, a fresh application for the loan should be submitted. Accepted by Council.

No. 10.

29-1-40.

Recommendation Library Committee No. 3 of 23-1-40. Application for exchange of publications from the Manager, Shibli Academy, Azamgarh. Decline. Accepted by Council.

No. 10.

29-1-40.

Recommendation Library Committee No. 5(f) of 23-1-40. Application for loan of MS. from Rao Bahadur K. V. Rangaswami Aiyangar for MS. 'Kriyakaalpataru' (3 MSS.). Lend against indemnity bonds for Rs.50, Rs.50 and Rs.100 respectively for 3 months. Accepted by Council.

No. 10.

29-1-40.

Recommendation Library Committee No. 5(g) of 23-1-40. Application for loan of MS. from the Registrar, University of Madras, for 'Tarikh-i-Ferishta' (No. 136 of Ivanow's catalogue of Persian MSS). Lend against an indemnity bond for Rs.1,000 for 3 months. Accepted by Council.

No. 10.

29-1-40.

Recommendations of the Publication Committee. Accept. Also resolved that the General Secretary be empowered to lend one MS. at a time to Prof. Mahfuz-ul Haq for his work in connection with the publication of the Haft-Iqlim on behalf of the Society.

No. 11.

29-1-40.

Application for loan of MSS.: (a) The Principal, Vidya-Bhavana, Visva-Bharati, for the loan of 'Sapinat-ul-Awliya'. Lend against an indemnity bond for Rs.500 for a period of three months. (b) The Registrar, University of Dacca, for the loan of 3 MSS. of 'Agnipurana'. Postpone until next meeting. General Secretary to submit a detailed list of MSS. at present on loan. (c) Bhandarkar Oriental Research Institute, Poona, for a 'commentary on the Malati Madhava' by Harihara. Decline. A photostat copy may be supplied to them. (d) The Librarian, University of Dacca, for the loan of 'Munis'ul-Arwah,' No. 74, Curzon Collection. Decline.

No. 7.

27-2-40.

Application for the extension of the period of loan of 'Malati Madhava' till 31-8-40 (This was issued to them on 4-4-39.) Extend.

No. 8.

27-2-40.

Letter from Yale University enquiring whether they should keep the MSS. of 'Sabbaparvan' (Mahabharat) for some time more on account of the difficulty of transport owing to the war. The MS. to be retained by them until safer conditions of transmission obtain.

No. 9.

27-2-40.

Report on MSS. lent out during the month. Record. Also resolved that in future a tabular statement showing all MSS. on loan and to whom lent, with dates and full particulars shall be submitted to the Council monthly.

No. 10.

27-2-40.

Report by the General Secretary of the outstanding loan to Prof. G. Tucci of a MS. in 1930. The matter to be followed up through the Consulate-General for Italy, and the Department of Education, Rome. Major Pasricha has agreed to furnish Prof. Tucci's present address.

No. 19.

27-2-40.

Application for loan of 3 MSS. of 'Agnipurana' by the Registrar, University of Dacca (postponed since the last meeting of the Council), together with a detailed list of MSS. at present on loan. Lend for a period of three months against indemnity bonds of Rs.200, Rs.100 and Rs.250 respectively, after repair. Further resolved that all Universities and Institutions to which the Society issues its publications free should be requested to present all their publications to the Society in exchange. Further resolved that the General Secretary be asked to prepare (i) a complete list of institutions with which exchanges of publications are made and (ii) a complete list of institutions and individuals to whom, under the orders of the Government, free issues of the Society's Bibliotheca Indica Series are sent. These lists to be submitted to the Council at its next meeting.

No. 11.

27-3-40.

Report on MSS. lent out during the month. Record. Resolved that Dr. S. K. Chatterji and Dr. M. Z. Siddiqi approach Dr. Hem Chandra Ray to return the MS. on loan with him. Failing any result the General Secretary to report the matter to the Vice-Chancellor, Calcutta University. It was also resolved that the General Secretary follow up, through Mr. J. N. Basu, the efforts made to persuade Dr. Zia-uddin Ahmed to return the MS. and books lent to him.

No. 12.

27-3-40.

Renewal of request of Mr. S. K. Rahman for the loan of MSS. Obtain complete details and bring up again at the next meeting of the Council.

No. 20.

27-3-40.

Application from the Registrar, University of Madras, for extension of loan of 2 MSS. for a further period of three months from 3-4-40. Grant.

No. 21.

27-3-40.

Correspondence with Mr. S. K. Rahman regarding the loan to him of 4 MSS. of 'Kalimat-ush Shuara'. Lend two MSS. at a time under the usual conditions.

No. 2.

29-4-40.

Report on MSS. lent out during the month. Record. The General Secretary to issue a final demand to Dr. Hem Chandra Ray for the return of the MS. on loan with him, and to inform him that unless he complies, the matter will be referred to the Society's legal advisers.

No. 5.

29-4-40.

Letter from Mr. T. R. Chintamani requesting that the period of loan of 2 MSS. may be extended by three months to enable him to complete the work. Extend.

No. 17.

29-4-40.

Request from the Registrar, University of Madras, for extension of the period of loan of MS. 'Tarikh-i-Ferishta' for three months from the 10th May 1940. Extend for a further three months from the 10th May 1940.

No. 5.

27-5-40.

Application for loan of MSS. of Srstidhara's Commentary on the Mahabharata by Bhandarkar Oriental Research Institute, Poona. Lend against an indemnity bond for Rs.300 for a period of three months.

No. 6.

27-5-40.

Request from the Curator, Bhandarkar Oriental Research Institute, Poona, for extension of the period of loan of MS. 'Mahabharata-tatparyatika Jnandipika' by Devabodha from 11-5-40 to 31-7-40. Extend.

No. 7.

27-5-40.

Correspondence with Dr. Hem Chandra Ray concluding with his letter, dated 28-5-40 in respect of the return of the MS. 'Surjanacarita' lent to him in 1932. Resolved that (1) the President be requested to write on behalf of the Society to Dr. H. C. Ray stating that he may enter into a new bond on terms suggested by the President on condition that he returns all books belonging to the Society that are still with him and are long overdue, (2) all bonds executed by various scholars and institutions for borrowing the Society's MSS. should be brought up to date.

No. 2.

28-6-40.

Application dated 4-6-40 from the Madras University Library for extension of period of loan of the MS. 'Tarikh-i-Ferishta' by another 3 months. Extend.

No. 5.

28-6-40.

Application from Rao Bahadur K. V. Rangaswami Aiyangar, dated 28-5-40, re extension of the period of loan of the MSS. 'Kṛtya-kalpataru' and a work on Sraddha by another 3 months. Extend.

No. 6.

28-6-40.

Application from Dr. R. C. Majumdar, dated 14-6-40, for extension of the period of loan of 2 MSS. by another two months. Extend.

No. 7.

28-6-40.

Letter No. J-7325 of 14-6-40 from our Solicitors, Messrs. B. N. Basu & Co., enclosing copy of letter No. J-7323 of the same date sent by them to Sir Ziauddin Ahmed. Record.

No. 14.

28-6-40.

A letter from the India Office regarding the loan of MS. No. 4566D. Record.

No. 17.

28-6-40.

Application for extension of loan of MS. 'Amarakoshavyakha' (Govt. MS. No. 846) for another three months by Mr. T. R. Chintamani. Extend.

No. 4.

29-7-40.

Application from Dr. B. R. Chatterjee for the loan of one MS. 'Naradiya Purana'. Grant permission under usual conditions.

No. 8.

29-7-40.

Request from the Registrar of the University of Madras for an extension of the period of loan of MS. 'Tarikh-i-Ferishta' by another six months from 10-8-40. Extend. Resolved that future extensions of loans of MSS. might be granted by the General Secretary in consultation with the Philological Secretary unless the MS. became damaged or for anything for which consultation with the Council would seem desirable in the opinion of the General Secretary.

No. 6.

27-8-40.

Request from the Bhandarkar Oriental Research Institute for a further extension of the period of loan of MS. 'Mahabharata-tatparyatika Jnandipika' up to 1st January 1941. Extend.

No. 7.

27-8-40.

Renewal of loan of MSS. to Dr. H. C. Ray. Record.

No. 22.

27-8-40.

A letter from Messrs. B. N. Basu & Co., Solicitors, dated 9th September 1940, regarding the period for which our bonds covering MSS. are enforceable. Record.

No. 7.

24-9-40.

Application from the Bhandarkar Oriental Research Institute, Poona, asking for an extension of the period of loan up to 31st March 1941 of MS. 'Malati Madhava'. Extend.

No. 10.

24-9-40.

Request from the Librarian, Punjab University Library, of 9th November, 1940, for the loan of the following two MSS.: (a) Persian versified translation of the Bhagavat Gita by Faizi, (b) Persian translation of the Gita by Dara Shikuh (Abi Zindagi). The MSS. are not to be issued, but give the Librarian of the Punjab University all facilities for copying the MSS. if required.

No. 11.

27-11-40.

MANUSCRIPTS—

Letter dated the 2nd January, 1940, from Mr. Jogendranath Gupta asking that he may be permitted to prepare a descriptive catalogue of the Society's Bengali MSS. Resolved that the preparation of the catalogue be entrusted to Mr. Jogendranath Gupta at the usual remuneration under the supervision of the Philological Secretary, and that not more than Rs.500 be expended during 1940 for this work.

No. 6.

29-1-40.

Letter dated the 26th January, 1940, from the Assistant Secretary, Government of Bengal, requesting the Society to take charge of sundry MSS. belonging to the India Office, London. Resolved that the General Secretary ascertain fuller details more particularly in regard to the

Society's responsibilities and the extent to which these can be covered by insurance.

No. 17.

29-1-40.

Recommendation Library Committee No. 6 of 23-2-40. Letter from Maharaj Kumar Raghubir Singh of Sitamau, suggesting the feasibility of introducing micro-film copying of MSS. by the Society. That Sir Jadunath Sarkar be asked to furnish a list of those micro-film copies of MSS. in the Maharaj Kumar's library which should find a place in the Society's library. Accepted by Council.

No. 12.

27-2-40.

Report by the General Secretary on the receipt of MSS. belonging to the India Office from the Secretary, Education Department, Government of Bengal, for safe custody for the period of war.

No. 22.

27-2-40.

Recommendation Library Committee No. 1 of 22-4-40. Application from Mr. G. Bux, supported by Sir Jadunath Sarkar, to be allowed to take extracts from 4 Arabic MSS. belonging to the Society. Grant, under supervision. Accepted by Council.

No. 9.

29-4-40.

Recommendation Library Committee No. 3(b) of 22-4-40. Letter from Mr. J. C. Gupta concerning the availability of sundry Sanskrit and Bengali MSS. for purchase by the Society. Prof. Chintaharan Chakravarti to be requested to inspect and report on the Sanskrit MSS. only with a view to purchasing those of which the Society possesses no copy and those which are in better condition than those of the Society. Accepted by Council.

No. 9.

29-4-40.

Report on the misplacement or theft of two Sanskrit MSS. Record. After installation of steel furniture is completed a complete and careful stock should be taken and a further report submitted to the Council.

No. 6.

27-3-40.

Recommendation Library Committee No. 4 of 21-5-40. Estimate for repairing, pasting and binding MSS. and books. Proceed with the work as far as funds permit, MSS. in the Tibetan and Sanskrit sections being given priority. Accepted by Council.

No. 13.

27-5-40.

Application from Mr. Prabhas Chandra Majumdar, M.A., Post-Graduate Jubilee Scholar of the Calcutta University, for permission to consult manuscripts of the Society. Grant, under proper supervision.

No. 14.

27-3-40.

Report by the General Secretary on reports appearing in the local press on the state of the MSS. of the Society. General Secretary to prepare a note explaining the exact position in brief for submission to the press. The note to be approved by the Council in circulation.

No. 23.

27-3-40.

Letter from the Librarian, India Office, requesting the Society to take charge of 5 India Office MSS. on loan to the Society for the period of the war. Record.

No. 24.

27-3-40.

Draft note on the state of the MSS. of the Society, prepared by the General Secretary for submission to the press. Record.

No. 1. 29-4-40.

Press notices, in respect of the Society's MSS. which have appeared in the 'Amrita Bazar Patrika' and the 'Hindusthan Standard'. Record.

No. 13. 29-4-40.

Letter from Dr. H. I. Poleman, Director of Indic Studies, Library of Congress, Washington,

(a) asking for permission to photograph by the micro-film process certain MSS. in the Society's collections and

(b) putting forward a plan for the development and operation of a micro-filming service. (a) Permit. (b) Accept with thanks. The General Secretary and Treasurer to settle details.

No. 18. 29-4-40.

Request from Dr. Raghubir Singh for permission to copy Vol. 2 of MS. 'Munsha'at-Mahru'. Grant.

No. 4. 27-5-40.

An extract from the 'Indian Pen' of June 1940 regarding MSS. from Tipu Sultan's Library. Record.

No. 15. 28-6-40.

Letter dated the 26th June, 1940, from Mr. Jagadish Narayan Sarkar, Lecturer, Patna College, requesting permission to consult some Persian MSS. bearing on the life of Mir Jumla and to take extracts or translations from relevant passages. Grant permission under usual conditions.

No. 6. 29-7-40.

Recommendation Finance Committee No. 4 of 21-8-40. The cost of repairing, pasting and binding MSS. recommended by the Library Committee of 21-5-40, is being met out of Sanskrit MSS. Fund. Approve the action taken. Accepted by Council.

No. 15. 27-8-40.

Recommendation Publication Committee No. 4 of 20-3-40. Application of Mr. Syed Jamil Ahmad Naqvi for preparation of a catalogue of Urdu MSS. in the library. Decline. Accepted by Council.

No. 18. 27-8-40.

Recommendation Publication Committee No. 7 of 20-12-40. Material for a catalogue of Bengali MSS. in the possession of the R.A.S.B. prepared by Mr. Jogendranath Gupta. Recirculate to Publication Committee for opinion. Accepted by Council.

No. 11. 20-12-40.

MEDALS—

Letter of thanks from Dr. Leo Berg for the award to him of the Joy Gobind Law Memorial Medal. Record.

No. 2. 27-2-40.

Report by the General Secretary on the issue of the Barclay Memorial Medal to Major-General Sir Robert McCarrison. Bt.-Col. R. N. Chopra

to be requested to ask Dr. L. A. Napier, who is shortly proceeding to England, to take the medal with him.

No. 22.

27-3-40.

Letter No. 8384 of 10-5-40 from the University of Calcutta asking the Society to nominate a representative to serve on the Special Committee for the award of the Sarojini Basu Gold Medal. That Dr. S. K. Chatterji be the Society's representative. If Dr. Chatterji has already been nominated by other bodies then Dr. Kalidas Nag to be the Society's nominee.

No. 2.

27-5-40.

Letter from Prof. Franz Weidenreich thanking the Society for the award to him of the Anandale Memorial Medal. Record.

No. 19.

28-6-40.

A letter from Major-General Sir Robert McCarrison, Kt., C.I.E., M.D., acknowledging receipt of the Barclay Memorial Medal. Record.

No. 15.

29-7-40.

Appointment of Advisory Board for the award of Sir William Jones Memorial Medal for 1940. The Board to consist of:

Dr. S. S. Bhatnagar,	
Dr. K. P. Biswas,	
Mr. H. C. Chakladar,	
Dr. J. N. Mukherjee,	
Major C. L. Pasricha,	
Dr. M. N. Saha,	
Sir John Lort-Williams,	} <i>Ex-Officio</i> .
Dr. Baini Prashad,	
Dr. B. S. Guha.	

No. 4.

27-11-40.

Question of nominating Dr. S. S. Bhatnagar, a non-member of the Society, as a member of the Sir William Jones Memorial Medal Board. The selection of Sir U. N. Brahmachari be approved in place of Dr. S. S. Bhatnagar.

No. 1.

20-12-40.

Report of the Committee appointed to consider the question of a design for the die of the Indian Science Congress (Calcutta) Medal.
1. Postpone consideration till January 2. Request Mr. O. C. Gangoli to explain in detail the significance of the designs sketched by him.

No. 17.

20-12-40.

Letter No. 7127P of 29-11-40 from Government of Bengal intimating that the Government of India are unable to forward the Anandale Medal to Prof. F. Weidenreich of Peiping as he is a German. Record.

No. 25.

20-12-40.

MEETINGS—

The question of holding ordinary monthly meetings during the recess months, September and October 1940. Do not hold any ordinary monthly meeting at that time.

No. 16.

29-7-40.

MEMBERSHIP—

Correspondence regarding the application of Mr. Bangalore Venkataraman alias B. N. Venkataramaiya to be elected as an Ordinary Member of the Society. Regret that his application cannot be entertained.

No. 1.

29-1-40.

Letter No. 598 of 9-2-40 from Mr. B. V. Raman asking to be informed why the Council cannot entertain his application for membership. Decline, with regret.

No. 5.

27-2-40.

Application for admission to Institutional Membership of the Society from the Keeper of the Nepal Museum, Kathmandu. Accept.

No. 3.

27-5-40.

Extract from a letter dated the 12th May 1940, from Dr. J. H. Hutton, Cambridge, requesting the Society to put his name on the list of absentee members. Treat him as an absentee member. The Secretary to write to him whether it will be possible for him to compound his subscription for life membership after the war.

No. 1.

29-7-40.

Letter dated 18th July 1940, from Dr. A. L. Coulson tendering resignation from the Society with effect from the end of the current quarter. Accept with regret.

No. 7.

29-7-40.

Recommendation Finance Committee No. 6(a) of 22-7-40. List of members who are in arrears with their subscription for four or more quarters to whom Circular Letter No. 1 will have to be sent. Apply the rules. Accepted by Council.

No. 12.

29-7-40.

Recommendation Finance Committee No. 6(b) of 22-7-40. List of members who are in arrears with their subscriptions for eight or more quarters to whom Circular Letter No. 2 will have to be sent. Apply the rules. Accepted by Council.

No. 12.

29-7-40.

Letter dated the 25th June 1940, from Dr. A. A. Bake, resigning membership of the Society. Record.

No. 14.

29-7-40.

The question of re-electing Prof. Kshitish Chandra Chatterji Shastri, Lecturer, Calcutta University, who was removed under Rule 38 with an outstanding of subscription of Rs.90 in 1930. Request him to join as a new member.

No. 10.

27-8-40.

Reconsideration of application for membership from Prof. Kshitish Chandra Chatterji Shastri in the terms of Rule 5. Resolved to readmit him as an Ordinary member on his explaining the circumstances which made him sever his connection with the Society.

No. 14.

24-9-40.

Removal of Members' names under Rule 40. Announce in next ordinary monthly meeting.

No. 3.

27-11-40.

Recommendation Finance Committee No. 7 of 22-11-40. List of members who are in arrears with their subscriptions for four or more quarters to whom Circular Letter No. 1 will have to be sent. Apply rules. Accepted by Council.

No. 12.

27-11-40.

Recommendation Finance Committee No. 8 of 22-11-40. List of members who are in arrears with their subscriptions for four or more quarters to whom Circular Letter No. 2 will have to be sent. Apply rules. Accepted by Council.

No. 12.

27-11-40.

Recommendation Finance Committee No. 9 of 22-11-40. List of members who are in arrears with their subscriptions for eight or more quarters to whom Circular Letter No. 3 will have to be sent. Apply rules. Accepted by Council.

No. 12.

27-11-40.

Recommendation Finance Committee No. 10 of 22-11-40. List of members for removal under Rule 38 to whom Circular Letter No. 3 was sent more than six months ago. Apply rules in case of all with the exception of Dr. S. K. Mukherjee whom Dr. J. N. Mukherjee undertook to approach personally. Accepted by Council.

No. 12.

27-11-40.

Recommendation Finance Committee No. 11 of 22-11-40. List of members for removal under Rule 40. Apply rules. Accepted by Council.

No. 12.

27-11-40.

Letter dated 13-12-40 from Mr. W. D. West, informing the continuation of Membership to the Society of Dr. J. B. Auden. Record. Convey the thanks of the Council to Mr. W. D. West for his help.

No. 18.

20-12-40.

MISCELLANEOUS—

Letter of thanks from the General Secretary, Indian Science Congress Association, for the help rendered to that Association by the Society for a portion of the year 1939-40. Record.

No. 8.

29-1-40.

Letter dated 15-1-40, from Col. R. B. Seymour Sewell requesting the Society to forward to him for transmission to the Secretary of State, its views regarding the value of the series of Fauna of British India, publication of which has been stopped. Resolved that the President be requested to invite the Patron, His Excellency Sir John Herbert, to be so good as to place the matter before Lord Zetland, Secretary of State for India, pointing out all the facts and stressing the necessity for the continuation of the work.

No. 4.

27-2-40.

Report of Dr. U. N. Ghosal on some old records in the collection of the Calcutta High Court. Record. A vote of thanks to be conveyed to Dr. Ghosal.

No. 18.

27-2-40.

Power of Library and Publication Committees to co-opt members. The rules must be adhered to and co-option is not permissible. The

resolutions, item 15(b) and (c) of Council, dated the 27th February, 1940, to be modified accordingly.

No. 2.

27-3-40.

Letter of thanks from Mr. Hurmuz Kaus for information supplied to him. Record.

No. 5.

27-3-40.

Letter No. Circ. 40-41 of 16-3-40, from the General Secretary, Indian Science Congress Association, inviting scientific and technical officers of the Society to become members of the next Session of the Congress to be held at Benares in 1941. Record.

No. 10.

27-3-40.

Letter from Lady Ginwala thanking the Society for the help afforded her during her stay in Calcutta. Record.

No. 25.

27-3-40.

Recognition of the 79th birthday of the Poet Rabindra Nath Tagore. That Sir S. Radhakrishnan be requested to draft a suitable message and that a special social meeting be arranged by the Society at the poet's convenience.

No. 1.

27-5-40.

Installation of a telephone extension. Enquire the cost of plug connections and report to Council.

No. 8.

27-5-40.

Letter dated 11-2-40 and enclosures from the Chairman, Kokusai Bunka Shinkokai, furnishing details of a world-wide prize essay contest to commemorate the 2600th anniversary of the founding of the Empire of Japan. Record.

No. 17.

27-5-40.

Letters from Messrs. J. B. Auden and J. A. Dunn, dated the 22nd and 24th June 1940. Resolved that (1) the President be requested to discuss the matter with Dr. Fox and (2) that Major Pasricha and the General Secretary should discuss the best method of preserving all valuable possessions of the Society.

No. 3.

28-6-40.

A letter from Dr. H. C. Ray to the President suggesting changes in the work of the Society. After discussion the President withdrew the letter addressed to him by Dr. Ray as he considered it a private communication. It was resolved that in view of the withdrawal of the letter of Dr. Ray, by the President, it could not be formally considered. The Council, however, requested the President to inform Dr. Ray that it deprecated the language and tone of his references to the Honorary General Secretary. Resolved further that the suggestions contained in Dr. Ray's letter to the President when formally submitted will be considered by the Library Committee with Mr. Percy Brown as a co-opted Member.

No. 5.

29-7-39.

Suggestions for contribution towards War Defence Savings Bonds and Certificates by the Staff of the Society. Accept.

No. 5.

27-8-40.

Copy of the letter drafted by Sir S. Radhakrishnan and signed by the President, containing the Society's felicitations on the occasion of

the 80th birthday of the poet. Convey the Society's thanks to Sir Sarvapalli Radhakrishnan.

No. 20.

27-8-40.

Dr. Rabindra Nath Tagore's reply to the letter of felicitations on the occasion of his 80th birthday. Record.

No. 22.

27-8-40.

Circular Letter No. 2, dated 11-10-40, from the Indian History Congress, Fourth Session (Lahore), 1940. Put it up on notice board.

No. 1.

27-11-40.

Letter dated 31-10-40 from the Government of India, Department of Education, Health and Lands, New Delhi, in reply to Society's letter No. 1803 of 30-8-40. Record.

No. 19.

27-11-40.

Letter dated 15-11-40 together with enclosure from W. Ivanow, Esq., to the President of the Society regarding Catalogue of Arabic MSS. published by the Society. (1) A Committee consisting of the following to report on the matter:

1. Dr. S. K. Chatterji,
2. Prof. M. Mahfuz-ul Haq,
3. Dr. S. P. Mookerjee,
4. Prof. M. Z. Siddiqi and
the *ex-officio* Members.

(2) It was resolved further that all MSS. and galley proofs of the papers and works published by the Society are to be preserved in the archives of the Society for a certain period after the publication of the works.

No. 21.

27-11-40.

Letters dated 4-12-40 and 12-12-40 from the Senior Censor, Calcutta, requesting the use of our Micro-film Camera for secret and confidential work in connection with the war. Record. If any help is required in future the General Secretary is to render all possible assistance.

No. 6.

20-12-40.

Report of the Committee appointed to consider Mr. Ivanow's letter to the President. Postpone consideration till January.

No. 13.

20-12-40.

ORDINARY FELLOWS—

Recommendations of the Resident Fellows of the Society, dated the 5th January 1940. Accept. Put up for election as Fellows in the Annual Meeting, 1940, Dr. U. N. Ghosal, Dr. B. C. Law, Dr. R. C. Majumdar and Mr. H. S. Pruthi.

No. 4.

29-1-40.

Letters of thanks from Drs. U. N. Ghosal, B. C. Law, R. C. Majumdar and H. S. Pruthi for their election as Ordinary Fellows of the Society. Record.

No. 3.

27-2-40.

PROVIDENT FUND—

Recommendation Finance Committee No. 6 of 23-1-40. Application of daftry Shaik Nawab Jan for a loan of Rs.50 to meet his personal marriage expenses. Grant a loan of Rs.15 from the Provident Fund

bearing interest at 3% per annum repayable in monthly instalments of Rs.2 each. Council order: Accept. Further resolved that daftry Nawab Jan be granted a loan of Rs.35 from General Funds under the personal guarantee of the Librarian. The loan to be repayable at Rs.3 p.m. and to bear interest at 3% per annum.

No. 9.

29-1-40.

Recommendation Finance Committee No. 8 of 27-2-40. Application from Pt. B. B. Mukherjee, 2nd Pandit, for a loan of Rs.160 from the Provident Fund. Grant. The loan to bear interest at 3% per annum and to be repaid by instalments of Rs.10 monthly. Council order: Accept.

No. 11.

27-2-40.

Recommendation Finance Committee No. 11 of 20-6-40. Application from Mr. D. K. Das, Press Clerk, dated 19-6-40 for a loan of Rs.480 from Provident Fund. Grant loan on 3% interest and ask him to avail himself of free medical treatment in the Tropical School. Accepted by Council.

No. 9.

28-6-40.

Recommendation Finance Committee No. 3 of 24-9-40. Application dated 18-9-40 from Mr. S. K. Ray, General Assistant, for a loan of Rs.400 from Provident Fund. Lend and credit interest at 1% to his Provident Fund Account. Accepted by Council.

No. 2.

24-9-40.

Recommendation Finance Committee No. 4 of 24-9-40. Application dated 20th September 1940, from Shah M. Ahmad, First Maulvi, for a loan of Rs.2,000 from Provident Fund. (1) Lend him the maximum amount for which he is eligible under the Rules from his Provident Fund and credit the interest at 1% which is to be charged on the loan to his own account. (2) Lend him the remainder of the sum of Rs.2,000 applied for from the General Fund and charge him 2% interest on it. Accepted by Council.

No. 2.

24-9-40.

Application from Mr. A. Michael, Steno-typist of the Society, for joining the Provident Fund of the Society. Admit.

No. 21.

20-12-40.

PUBLICATIONS—

Recommendation Publication Committee No. 4 of 23-1-40. Fixation of the number of reprints of articles published in the Journal and Memoirs. Ten copies only of reprints in addition to the numbers required by the author should be printed. Accepted by Council.

No. 11.

29-1-40.

Recommendation Finance Committee No. 6 of 27-2-40. Recommendation of the Publication Committee of 23rd February 1940, item 4. Review of the commitments of the Society in respect of publications. As for item 5(b). Council order: Accept. A Special Meeting of the Finance Committee should be convened as early as possible to decide on items 5(b), 6, 9 and 10 of the minutes in question.

No. 11.

27-2-40.

Recommendation Publication Committee No. 5 of 23-2-40. Request from Prof. M. Mahfuz-ul Haq for extension of the period of service of

the Maulvi appointed as his assistant for collating the 'Haft Iqlim' by 1 month and 15 days. Extend. Accepted by Council.

No. 13.

27-2-40.

Recommendation Publication Committee No. 4 of 23-2-40. Review of the financial commitments of the Society in respect of Publication. That the Finance Committee be requested to arrange for funds to be provided for the publication of the Journal, for those works in the Bibliotheca Indica Series that have already been undertaken, and for new works in the Bibliotheca Indica Series which have been recommended for publication. Further recommended that this should be a first charge on the Society's finances and that the Journal should not be curtailed for financial reasons. Accepted by Council.

No. 13.

27-2-40.

Editorial Review of the Journal of the Society, Vol. IV (1938), Letters, Part 3, appearing in Nature, Vol. 145, No. 3662 of 6-1-40. Record.

No. 21.

27-2-40.

Reconsideration of the re-issue of Advance Proceedings. Accept the General Secretary's and Treasurer's recommendations.

No. 4.

27-3-40.

Recommendation Publication Committee No. 5 of 20-3-40. Circulation of papers to members of the Committee. In future only the paper itself, the opinion of the referee, and the Press estimate of costs to be circulated. Bulky illustrations, charts, diagrams, etc., should not be circulated. Accepted by Council.

No. 18.

27-3-40.

Regularization by *ex post facto* sanction to the work of preparation of Descriptive Catalogue of Sanskrit MSS. from Vol. 8 onwards by Prof. Chintaharan Chakravarti. Accord *ex post facto* sanction.

No. 3.

29-4-40.

Recommendation Publication Committee No. 4 of 22-4-40. Report on the procedure followed in the submission of a paper for publication on the 'Cult of Magdeswari' by S. Das-Gupta. (a) Confirm the action of the General Secretary. (b) Inform Mr. K. P. Chattopadhyaya about the procedure for the receiving and publication of papers recommended by the Special Enquiry Committee and adopted by the Council, and state that these were designed to produce order, discipline and regularity. Point out the highly objectionable nature of the language used in his letter dated the 16th April 1940, and call for an apology which must be made before any further action in regard to the paper can be taken. (c) Correspondence between Secretaries or Members of Council and Committees must be treated as confidential and not passed on to other members of the Society. Accepted by Council.

No. 10.

29-4-40.

Recommendation Publication Committee No. 6 of 21-5-40. Letter from the Superintendent, Baptist Mission Press, giving details of the amounts charged on account of authors' corrections in works recently published. Author's corrections in excess of 25% of the cost of type-setting, etc., to be paid by the author. Accepted by Council.

No. 14.

27-5-40.

Letter from Dr. Bains Prashad forwarding a copy of a review of his paper on the 'Life and Work of Khwajah Nizamuddin Ahmed Bakhshi'. Record.

No. 16.

27-5-40.

Recommendation of the Publication Committee No. 5 of 10-6-40. Resolved on the recommendation of Major C. L. Pasricha that instructions regarding the submission of Papers in proper form be printed on the inside cover of the Journal and Memoirs of the Society for the guidance of the contributors. Accepted by Council.

No. 11.

28-6-40.

Recommendation Publication Committee No. 5 of 22-7-40. Request from Dr. J. B. Chaudhuri for permission to publish Society's MS. 'Vag-Mandana-Junaduta-Kavya' in the Indian Historical Quarterly and the B. & O. Research Society. Permit him to publish subject to suitable references to the Society being made in this connection. Accepted by Council.

No. 11.

29-7-40.

Recommendation Publication Committee No. 6 of 21-8-40. Draft instructions to authors regarding submission of papers for publication in the Journal and Memoirs. Accept after revision and condensation by Dr. Bains Prashad. Accepted by Council.

No. 17.

27-8-40.

Extract from a letter from Dr. Gudger received by Dr. Bains Prashad regarding the former's paper on 'The alleged pugnacity of the sword-fish and the spearfishes as shown by their attacks on vessels' published in the Memoirs of the Society, together with a letter of 1-7-40 from Dr. Gudger addressed to the Society. Record.

No. 19.

27-8-40.

Recommendation Publication Committee No. 3 of 22-11-40. Resolved that in future separate estimates for printing 500 copies and 1000 copies respectively of the Journal and Memoirs be obtained from the Press to enable the Council to determine the total number of each that should be printed. Accepted by Council.

No. 14.

27-11-40.

REPRESENTATION—

Letter dated the 14th December, 1939, from the Secretary, National Institute of Sciences of India, asking for the Society's nominees to serve as additional Vice-President and additional Member of Council of the Institute for the year 1940. Resolved that Dr. Bains Prashad and Mr. W. D. West be the Society's nominees as Vice-President and Member of Council respectively.

No. 2.

29-1-40.

Nomination of the Society's delegates to the Tenth Session of the All-India Oriental Conference at Tirupati. Record.

No. 9.

27-3-40.

Letter from the Honorary Secretary, National Institute of Sciences of India, requesting the Society to appoint its representatives to serve as Additional Vice-President and Additional Member on the Council of the Institute. 1. Mr. W. D. West be appointed as Additional Vice-President. 2. Major C. L. Pasricha be appointed as Additional Member on the Council.

No. 2.

20-12-40.

STAFF—

Recommendations of the Finance Committee. Accept. Further resolved that daftry Nawab Jan be granted a loan of Rs.35 from General Funds, under the personal guarantee of the Librarian. The loan to be repayable at Rs.3 p.m. and to bear interest at 3% per annum.

No. 9.

29-1-40.

Grant of emergency commission in H.M.'s Land Forces to the Assistant Secretary, R.A.S.B. Resolved that the maximum period for joining, viz. 30 to 60 days, be accepted.

No. 16.

29-1-40.

Application from Pandit Aghornath Bhattacharya for permission for his son to be trained in the general and Sanskrit sections. Grant without any obligation on the part of the Society.

No. 8.

27-3-40.

Recommendations of the Special Committee of the Council re appointment of Assistant Secretary. Accept.

No. 10.

27-5-40.

Grant of gratuity to the retiring Assistant Secretary (Item 1, Special Council, 19th April 1940).

- (1) A bonus of Rs.1,000 to be paid and deduct therefrom the balance due from him to the Society on the 31st May 1940.
- (2) The amount due to him under the rules of the Provident Fund also to be paid.
- (3) The Council records its appreciation of the services rendered by him at a very critical period and wishes him prosperity and success in his new appointment.

No. 11.

27-5-40.

Application dated 17-6-40 from the members of the office staff of the R.A.S.B. re revision of rules regarding holidays. Resolved that the General Secretary be asked to report to the Council the number of holidays which are given by the Government and the Bengal Chamber of Commerce respectively to enable it to fix the number of holidays for the R.A.S.B.

No. 4.

28-6-40.

Letter dated 1-6-40 from Mr. J. C. De, accepting the post of Assistant Secretary to the Society. Record.

No. 13.

28-6-40.

Action against Mr. J. R. Seal by Sir David Ezra in which the Society is made a garnishee. Resolved that the matter be placed before our solicitors.

No. 18.

28-6-40.

Report by the General Secretary re (i) the number of holidays given by the Government of Bengal, (ii) those which are granted by the Bengal Chamber of Commerce, (iii) those given to members of the staff by the Society. Resolved that the practice now followed be continued.

No. 9.

27-8-40.

Report of the resignation by Mr. N. Norman, File-Clerk and Despatcher of the Society. Accept. The post not to be filled up, but a

temporary clerk be appointed to help the Assistant Secretary in classifying and putting the files in order.

No. 17.

27-11-40.

Letter dated 24th November 1940 from Mr. N. Norman to the President for a gratuity. Inform Mr. Norman that no gratuity can be given.

No. 22.

27-11-40.

Recommendation Finance Committee No. 3(e) of 20-12-40. Annual increment of salaries to Staff. Grant as recommended by the Special Enquiry Committee. Accepted by Council.

No. 9.

20-12-40.

Recommendation Finance Committee No. 3(e) of 20-12-40. Winter clothing for Menials. (a) Sanction the over-expenditure up to a limit of Rs.70; (b) in future menials be supplied with winter clothing every three years. Accepted by Council.

No. 9.

20-12-40.

Confirmation of the services of Mr. Trin Chen, Sino-Tibetan clerk, on the grade 50—3—80. Confirm.

No. 15.

20-12-40.

Application from Pt. B. B. Mukherjee, Society's 2nd Pandit, dated 12-12-40 for leave for four days on full pay. Grant.

No. 19.

20-12-40.

VISIT—

Letter dated the 9th January 1940 from the Secretary, Indian Historical Records Commission, thanking the Society on behalf of the Commission and the Government of India for the courtesy shown to the members on the occasion of their visit to the Society's rooms. Record.

No. 5.

29-1-40.

**List of
Patrons,
Officers, Council Members, Members,
Fellows, and Medallists
of the
Royal Asiatic Society of Bengal,
On the 31st December, 1940.**

PATRONS OF THE ROYAL ASIATIC SOCIETY OF BENGAL.

1936 ..	.. H.E. the Most Honourable Lord Victor Alexander John Hope, K.T., P.C., G.M.S.I., G.M.I.E., G.C.I.E., D.L., T.D., the Marquess of Linlithgow, Viceroy and Governor- General of India.
1939 ..	.. H.E. Sir John Arthur Herbert, G.C.I.E., Governor of Bengal.
<hr/>	
1910-1916	.. Lord Hardinge of Penshurst, K.G., P.C., G.C.B., G.C.M.G., G.C.S.I., G.C.I.E., G.C.V.O., I.S.O.
1917-1922	.. The Most Hon. the Marquess of Zetland, P.C., G.C.S.I., G.C.I.E.
1922-1927	.. The Right Hon. the Earl of Lytton, P.C., G.C.S.I., G.C.I.E.
1926-1931	.. The Right Hon. the Viscount Halifax, K.G., P.C., G.C.S.I., G.C.I.E.
1927-1932	.. Colonel Sir Francis Stanley Jackson, P.C., G.C.I.E.
1931-1936	.. The Right Hon. the Earl of Willingdon, G.M.S.I., G.C.M.G., G.M.I.E., G.B.E.
1932-1938	.. The Right Honourable Sir John Anderson, P.C., G.C.B., G.C.I.E.

OFFICERS AND MEMBERS OF COUNCIL OF THE ROYAL ASIATIC SOCIETY OF BENGAL DURING THE YEAR 1940.

Elections Annual Meeting.

President.

The Hon'ble Mr. Justice John Lort-Williams, Kt., K.C.

Vice-Presidents.

Bt.-Col. R. N. Chopra, C.I.E., M.A., M.B., I.M.S., F.R.A.S.B., F.N.I.
Sir Bijay Chand Mahtab, G.C.I.E., K.C.S.I., I.O.M., Maharajadhiraja
Bahadur of Burdwan.
C. S. Fox, Esq., D.Sc., M.I.Min.E., F.G.S., F.R.A.S.B., F.N.I.
Syamaprasad Mookerjee, Esq., M.A., B.L., D.Litt., Barrister-at-Law.

Secretaries and Treasurer.

General Secretary:—B. S. Guha, Esq., M.A., Ph.D., F.R.A.S.B., F.N.I.
Treasurer:—Baini Prashad, Esq., D.Sc., F.Z.S., F.R.S.E., F.R.A.S.B.,
F.N.I.
Philological Secretary:—S. K. Chatterji, Esq., M.A., D.Lit., F.R.A.S.B.
Joint Philological Secretary:—M. Mahfuz-ul Haq, Esq., M.A.
Natural History { Biology:—Kalipada Biswas, Esq., M.A., D.Sc.,
Secretaries { Physical Science:—Meghnad Saha, Esq., D.Sc., F.R.S.,
F.R.A.S.B., F.N.I.
Anthropological Secretary:—H. C. Chakladar, Esq., M.A.
Medical Secretary:—Major C. L. Pasricha, M.A., M.B., B.Ch., M.R.C.S.,
I.M.S., F.N.I.
Library Secretary:—J. N. Mukherjee, Esq., D.Sc., F.C.S., F.R.A.S.B.,
F.N.I.

Other Members of Council.

Percy Brown, Esq., A.R.C.A., F.R.A.S.B.
S. C. Law, Esq., M.A., B.L., Ph.D., F.Z.S., M.B.O.U., F.N.I.
Kalidas Nag, Esq., M.A., D.Litt.
Sir S. Radhakrishnan, Kt., M.A., D.Litt., F.B.A.
M. Z. Siddiqi, Esq., M.A., Ph.D.
W. D. West, Esq., M.A., F.N.I.

APPOINTMENTS, TRANSFERS, AND OTHER CHANGES DURING THE YEAR.

Sir S. Radhakrishnan, appointed an Additional Secretary of Philosophy
from 4-3-40.
Dr. Kalidas Nag, appointed an Additional Secretary of History and
Archaeology from 4-3-40.

**OFFICERS AND MEMBERS OF COUNCIL OF THE
ROYAL ASIATIC SOCIETY OF BENGAL
ELECTED FOR THE YEAR 1941.**

President.

The Hon'ble Mr. Justice Lort-Williams, Kt., K.C.

Vice-Presidents.

Bt.-Col. Sir R. N. Chopra, Kt., C.I.E., M.A., Sc.D., M.D.,
I.M.S., F.R.A.S.B., F.N.I.

C. S. Fox, Esq., D.Sc., M.I.Min.E., F.G.S., F.R.A.S.B., F.N.I.

Syamaprasad Mookerjee, Esq., M.A., B.L., D.Lit., Barrister-at-Law.

Sir S. Radhakrishnan, Kt., M.A., D.Lit., F.B.A.

Secretaries and Treasurer.

General Secretary:—B. S. Guha, Esq., M.A., Ph.D., F.R.A.S.B., F.N.I.

Treasurer:—Baini Prashad, Esq., D.Sc., F.Z.S., F.R.S.E., F.R.A.S.B., F.N.I.

Philological Secretary:—S. K. Chatterji, Esq., M.A., D.Lit., F.R.A.S.B.

Joint Philological Secretary:—M. Mahfuz-ul Haq, Esq., M.A.

Natural History Secretaries	{	Biology:—Kalipada Biswas, Esq., M.A., D.Sc.
		Physical Science:—Meghnad Saha, Esq., D.Sc., F.R.S., F.R.A.S.B., F.N.I.

Anthropological Secretary:—H. C. Chakladar, Esq., M.A.

Philosophical Secretary:—Vanamali Vedantatirtha, Esq., M.A.

Historical and Archæological Secretary:—Kalidas Nag, Esq., M.A., D.Lit.

Medical Secretary:—Major C. L. Pasricha, M.A., M.B., B.Ch., M.R.C.S., I.M.S., F.N.I.

Library Secretary:—J. N. Mukherjee, Esq., D.Sc., F.C.S., F.R.A.S.B., F.N.I.

Other Members of Council.

S. C. Law, Esq., M.A., B.L., Ph.D., F.Z.S., M.B.O.U., F.N.I.

M. Z. Siddiqi, Esq., M.A., Ph.D.

C. W. Gurner, Esq., B.A., I.C.S.

The Hon'ble Mr. Justice N. G. A. Edgley, M.A., Barrister-at-Law, J.P.

ORDINARY MEMBERS.

R=Resident. N=Non-Resident. F=Foreign. A=Absent. L=Life.

An Asterisk is prefixed to names of Ordinary Fellows of the Society.

Date of Election.		
5-4-22	R	Abdul Ali , ABUL FAIZ MUHAMMAD, M.A., M.R.A.S., F.R.S.L., F.R.G.S., F.R.H.S. 3, Nawab Abdur Rahman Street, Calcutta.
7-3-27	N	Abdul Kadir , A. F. M., M.A. (ALLAHABAD), MAULVIE FAZIL (PUNJAB), MADRASSAH FINAL (CALCUTTA), <i>Professor, Rajshahi College.</i> Rajshahi.
2-11-25	N	Acharya , PARAMANANDA, B.S.C., <i>State Archaeologist, Mayurbhanj State, Baripada.</i>
2-3-21	R	Agharkar , SHANKAR PURUSHOTTAM, M.A., PH.D., F.L.S., F.N.I., <i>Sir Rash Behari Ghose Professor of Botany, Calcutta University.</i> 35, Ballygunge Circular Road, Calcutta.
3-2-36	N	Ahmad , ALFAZUDDIN, KHAN BAHADUR, <i>Late Offg. Assistant Director of Public Instruction for Muhammedan Education, Bengal.</i> Dhalhora, Tamruk, Midnapur.
1-1-34	N	Ahmad , MIAN JAMAL-UD-DIN, B.A., B.T., <i>Member, Bureau of Education, Afghanistan.</i> 2, Andarab, Kabul, Afghanistan.
6-6-17	N	Aiyangar , K. V. RANGASWAMI, RAO BAHADUR, M.A., <i>Late Director of Public Instruction, Travancore.</i> Vasumali Vilas, Rangaswami Road, Mylapore, Madras.
6-12-26	N	*Aiyangar , S. KRISHNASWAMI, M.A., PH.D., M.R.A.S., F.R.HIST.S., F.R.A.S.B., <i>Rajasevasakta, Professor, University of Madras.</i> 'Sripadam', 143, Brodies Road, Mylapore, Madras, S.
1-12-20	N	Akbar Khan , THE HON'BLE MAJOR NAWAB SIR MOHAMMED, K.B.E., C.I.E., <i>Khan of Hoti.</i> Hoti, N.-W.F.P.
5-6-39	R	Ali , S. SHAMSER, <i>Insurance Underwriter.</i> 3, Bright Street, Ballygunge, Calcutta.
4-4-38	R	Anderson , J. 15, Park Street, Calcutta.
3-7-12	F	Andrews , EGBERT ARTHUR, B.A. c/o The Royal Empire Society, Northumberland Avenue, London, W.C.
6-5-40	R	Asadullah , KHALIFA MOHAMMAD, KHAN BAHADUR, <i>General Central Service Class I, Librarian, Imperial Library,</i> 6, Esplanade East, Calcutta.
3-3-30	L	Ashton , HUBERT SHORROCK, <i>Merchant.</i> Trueloves, Ingatstone, Essex, England.
3-9-34	R	Auden , JOHN BICKNELL, M.A. (CANTAB.), F.G.S., F.N.I., <i>Assistant Superintendent, Geological Survey of India.</i> 27, Chowringhee, Calcutta.
3-11-30	R	Austin , GEORGE JOHN, <i>Sanitary Engineer, Messrs. J. B. Norton & Sons, Ltd.</i> Norton Building, Lalbazar, Calcutta.
4-4-17	N	Awati , P. R., B.A. (CANTAB.), D.I.C., F.N.I., I.E.S., <i>Professor of Zoology, Royal Institute of Science.</i> Mayo Road, Fort, Bombay.
1-5-39	A	Ayrton , SHAVUX MUNCHERSHAW, <i>Assistant, Messrs. Shaw Wallace & Co., Madon Mansions,</i> 275-C, Bow Bazar Street, Calcutta.

Date of Election.		
3-3-14	L	* Bacot, J. , F.R.A.S.B. Boulevard Saint-Antoine, 61, Versailles Seine-et-Oise, France.
7-9-36	R	Bagchi, K. N. , RAJ BAHADUR, B.SC., M.B. (CAL.), F.I.C. (LOND.), D.T.M. (CAL. & L'POOL), <i>Chemical Examiner to the Government of Bengal</i> . Medical College, Calcutta.
1-11-26	R	Bagchi, PROBODH CHANDRA , M.A., DR.-ES-LETTERS (PARIS), <i>Member of the A.S. of Paris; Lecturer, Calcutta University</i> . 9, Rustumjee Street, Ballygunge, Calcutta.
1-3-26	R	Bagnall, JOHN FREDERICK, B.SC., A.M.I.MECH.E., A.M.I.E.E., A.M.INST.C.E., <i>Consulting Engineer, Messrs. Macneill & Co.</i> 2, Fairlie Place, Calcutta.
2-4-24	N	* Bahl, K. N. , D.SC., D.PHIL., F.N.I., F.R.A.S.B., <i>Professor of Zoology, Lucknow University</i> . Badshabagh, Lucknow.
1-8-38	R	Banerjee, J. N. , M.A., <i>Lecturer, Calcutta University</i> . 28, Manoharpukur Road, Calcutta.
6-2-18	N	Banerjee, NARENDRA NATH , C.E., A.M.I.E., <i>Chief Engineer, Posts & Telegraphs</i> , Simla (38/1, Gariahat Road, Ballygunge, Calcutta).
5-3-24	R	Banerjee, P. N. , M.A. (CANTAB.), A.M.I.E., F.C.U., <i>Civil Engineer</i> . 12, Mission Row, Calcutta.
7-12-36	R	Banerjee, S. , I.C.S. Collector's House, Hooghly.
3-12-23	R	Barwell, N. F. , M.C., M.A., LT.-COL. (RETD.), <i>Barrister-at-Law</i> . 6, Middleton Street, Calcutta (and) Aylmerton House, Aylmerton, Norfolk, England.
2-10-39	N	Bastin, REGINALD WALTER , I.C.S., <i>Settlement Officer</i> , Mymensingh, E.B.Rly.
7-12-36	R	Basu, INDUBRUSAN , M.D. (CAL.), <i>Medical Practitioner, Associate Professor of Medicine and Visiting Physician, Carmichael Medical College</i> . 19, Vivekananda Road, Calcutta.
6-2-39	R	Basu, JNANENDRA NATH , VIDYALANKAR, <i>Member, Benares Hindu University Court, Fellow, Theosophical Society, Landholder, Director, Messrs. Thacker Spink & Co.</i> 9, Park Lane, Calcutta.
3-12-24	R	Basu, JATINDRA NATH , M.A., M.L.C., <i>Solicitor</i> . 14, Baloram Ghose Street, Calcutta.
5-2-40	R	Basu, MRIGANKA MAULI , <i>Member of the Indian Civil Service, Special Magistrate</i> , Howrah.
1-3-26	R	Basu, NARENDRA KUMAR , M.L.C., <i>Advocate, High Court</i> . 12, Ashu Biswas Road, Bhawanipore, Calcutta.
2-10-39	N	Basu Mazoomder, WOOSHACUR , B.L., M.R.A.S., F.R.S.A. (LOND.), <i>Bengal Civil Service (Judicial)</i> , Munsif. Barisal, Dist. Bakarganj (Bengal).
7-7-09	N	Bazaz, RANGNATH KHEMRAJ , <i>Proprietor, Shri Venkateshwar Press</i> . 7th Khetwadi, Bombay No. 4.
4-3-40	N	Bell, FRANK OWEN , <i>Indian Civil Service, S.O.</i> , Dinajpur.
7-5-34	R	Bent, WILLIAM ANTONY , <i>Assistant, Messrs. George Henderson & Co., Ltd.</i> 101/1, Clive Street, Calcutta.
4-3-25	R	Benthall, SIR EDWARD C. , KT., <i>Merchant</i> . 37, Ballygunge Park, Calcutta.
7-4-09	L	* Bentley, CHARLES A. , C.I.E., M.B., D.P.H., D.T.M. & H., F.A.S.B., <i>Professor of Hygiene</i> . University of Egypt, Cairo.
6-1-36	N	Berkeley-Hill, OWEN , A.R., M.A., M.D., B.CH. (OXON), M.R.C.S. (ENGLAND), D.T.M. (LOND.), LT.-COL., I.M.S. (RETD.). Station View, Ranchi.

Date of Election.		
4-6-28	N	Bhadra, SATYENDRA NATH, RAI BAHADUR, M.A., <i>Principal, Jagannath Intermediate College. Nayabazar, Dacca.</i>
1-8-17	R	*Bhandarkar, DEVADATTA RAMKRISHNA, M.A., PH.D., <i>F.R.A.S.B. 2/1, Lovelock Street, Ballygunge, Calcutta.</i>
6-5-40	N	Bharucha, FARROKH E., <i>Merchant, Canada Building, Hornby Road, Bombay.</i>
5-4-26	N	Bhatia, M. L., M.SC., <i>Lecturer in Zoology, Lucknow University. Lucknow.</i>
7-7-24	L	Bhattacharyya, BINOYTOSH, M.A., PH.D., <i>Rajaratna, General Editor, Gaekwad's Oriental Series, and Librarian, Oriental Collections, Baroda State. Baroda.</i>
6-9-37	N	Bhattacharya, N. C., <i>Vice-Chairman, Birnagar Municipality. Birnagar, Nadia.</i>
4-6-28	N	Bhattachali, NALINI KANTA, M.A., PH.D., <i>Curator, Dacca Museum. Ramna, Dacca.</i>
6-4-31	R	Bhose, JOTISH CHANDER, M.A., B.L., <i>Advocate, Calcutta High Court. 24A, Ray Bagan Street, Calcutta.</i>
5-2-34	A	Bhuyan, SURYYA KUMAR, RAI BAHADUR, M.A., B.L., A.E.S., <i>Honorary Provincial Director of Historical and Antiquarian Studies, Assam; Professor, Cotton College, Gauhati, Assam.</i>
5-3-28	R	Biswas, THE HON'BLE MR. JUSTICE CHARU CHANDRA, <i>C.I.E., M.A., B.L., Judge, High Court. 58, Puddopukur Road, P.O. Elgin Road, Calcutta.</i>
1-8-23	L	Biswas, KALIPADA, M.A., D.SC. (EDIN.), F.R.S.E., <i>Superintendent, Royal Botanic Garden. Botanic Garden P.O., Calcutta.</i>
3-1-27	N	Bivar, HUGH GODFREY STUART, I.C.S., <i>District and Sessions Judge. Faridpur.</i>
4-11-35	N	Bor, N. L., M.A., D.SC., I.F.S., <i>Forest Botanist, Forest Research Institute. New Forest, Dehra Dun.</i>
6-7-25	R	Bose, MANMATHA MOHAN, M.A., <i>Professor Emeritus, Scottish Church College. 19, Gokul Mitra Lane, Hatkhola, Calcutta.</i>
7-12-36	N	Bose, AMBUJ NATH, M.B.E., M.D. (LAUSANNE), F.R.C.P. (EDIN. & LOND.), LT.-COL., I.M.S. <i>Medical College, Patna.</i>
4-12-39	R	Bose, DEBENDRA MOHAN, M.A., PH.D., F.N.I., <i>Director, Bose Research Institute, 93, Upper Circular Road, Calcutta.</i>
7-8-39	R	Bose, GIRINDRASHEKHAR, M.B., D.SC., F.N.I., <i>Professor of Psychology and Head of Department of Psychology, Calcutta University. 14, Parsi Bagan Lane, P.O. Amherst Street, Calcutta.</i>
2-3-31	N	Bose, SUDHANSU KUMAR. B.SC. (CAL.), A.R.S.M., B.SC. (MINING) (LONDON), <i>Professor of Mining and Surveying. Indian School of Mines, Dhanbad.</i>
2-1-39	R	Bose, SUDHANSU MOHAN, M.A., LL.B. (CANTAB.), <i>Barrister-at-Law, Member, Public Service Commission, Bengal. 3, Federation Road, P.O. Amherst Street, Calcutta.</i>
2-11-36	N	Bothra, SUBHKARAN SINGH, <i>Landholder and Student. Kundigar Bhairon, Jaipur City.</i>
4-5-31	R	Bottomley, JOHN MELLOR, B.A. (OXON), I.E.S., <i>Director of Public Instruction, Bengal. 1, Sunny Park, Ballygunge, Calcutta.</i>
5-12-32	A	Boyle, CECIL ALEXANDER, MAJOR. D.S.O., <i>Adviser in Languages and Secretary to the Board of Examiners. Army Headquarters. Simla.</i>

Date of Election.		
3-12-34	R	Brahmachari, PHANINDRA NATH, M.Sc., M.B. 19, Loudon Street, Calcutta.
1-1-08	L	*Brahmachari, SIR UPENDRA NATH, KT., RAI BAHADUR. M.A., PH.D., M.D., F.S.M.F., F.N.I., F.R.A.S.B. 19, Loudon Street, Calcutta.
7-11-27	N	Brahmachary, SARAT CHANDRA, RAI BAHADUR. M.A., B.T. Kasba Road, Ballygunge, P.O. Dhakuria, 24-Perchs.
6-1-36	R	Brocke, A. G., D.Sc. (DOCTOR PHILOSOPHIE NATURALIS) (JENA), <i>Branch Manager, Pharmaceutical Department, 'Bayer'.</i> 52/4/1, Ballygunge Circular Road, Calcutta.
3-7-07	L	*Brown, JOHN COGGIN, O.B.E., D.Sc., F.G.S., M.I.M.E., M.INST.M.M., M.I.E., F.R.A.S.B. c/o Messrs. Grindlay & Co., 54, Parliament Street, Westminster, London, S.W.1.
6-10-09	R	*Brown, PERCY, A.R.C.A., F.R.A.S.B., <i>Curator, Victoria Memorial.</i> Calcutta.
4-3-40	N	Bruce, ALEXANDER EDWIN ROBERT, B.A., A.C.P., M.R.S.T., M.R.A.S., F.R.G.S., A.R.I.V.H.H., <i>Principal, Rathkin Hall School,</i> Darjeeling.
8-1-96	F	*Burn, SIR RICHARD, KT., C.S.I., F.R.A.S.B. 9, Staverton Road, Oxford, England.
3-12-34	F	Burt, SIR BRYCE CHUDLEIGH, KT., C.I.E., M.B.E., B.Sc., I.A.S., F.N.I. Bryn Denc, Allanson Road, Rhos-on-Sea, Colwyn Bay, N. Wales.
2-4-13	A	Calder, CHARLES CUMMING, B.Sc., F.N.I., F.I.S., <i>Superintendent, Royal Botanic Garden.</i> Sibpur, Howrah.
4-12-30	R	Cameron, REV. ALLAN, M.A., PH.D., <i>Principal, Scottish Church College.</i> 3 and 4, Cornwallis Street, Calcutta.
4-11-29	F	Campbell, SIR GEORGE R., KT., Westcroft, Pyrford, Surrey, England.
4-7-38	R	Carstairs, ANDREW McLAREN, M.A., <i>Bengal Chamber of Commerce.</i> Royal Exchange Buildings, 2, Clive Street, Calcutta.
3-2-36	F	Catto, OF CAIRNCATTO, THE RIGHT HON'BLE LORD, BART. 'Woodlands', Clamp Hill, Stanmore, Middlesex, England.
1-9-20	R	Chakladar, HARAN CHANDRA, M.A. 28/4/2, Srimohani Lane, Kalighat, Calcutta.
7-3-32	R	Chuckerbutty, KHIRODE BEHARI, <i>Engineer and Manufacturer.</i> 7, Hindusthan Park, P.O. Ballygunge, Calcutta.
4-7-27	R	Chakravarti, CHINTAHARAN, M.A., KAVYATIRTHA, <i>Lecturer, Bethune College.</i> 28/3, Sahangar Road, Kalighat, Calcutta.
3-2-30	N	Chakravarti, M. N., M.Sc., A.T.S. 'Gitanjali'. 37, Mayo Garden, Lahore.
3-1-27	N	Chakravarti, NIRANJANPRASAD, M.A., PH.D. (CANTAB.), <i>Government Epigraphist.</i> Office of the Government Epigraphist, Ootacamund, Nilgiris, S. India.
7-2-38	R	Chakravarti, P. K., M.A., B.L., <i>Advocate, High Court.</i> 6, Basanta Bose Road, Bhowanipore, Calcutta.
6-2-39	N	Chakravarti, PROF. RASH MOHAN, PH.B., PURANRATNA, <i>VIDYAVINODE, Superintendent, Rammala Chhatravas.</i> Comilla, Bengal.
5-6-33	N	Chakravarti, SUSIL KUMAR, M.A., <i>Zemindar.</i> Cooch Behar (Cooch Behar State).

Date of Election.		
1-9-20	R	*Chanda, RAMAPRASAD, RAI BAHADUR, B.A., F.R.A.S.B. 37/1, Manoharpukur Road, Kalighat, Calcutta.
3-1-06	L	Chapman, JOHN ALEXANDER. 32, Lavington Road, West Ealing, London, W.3.
7-5-28	R	Chatterjea, SIR NALINI RANJAN, KT., M.A., B.L., Retired Judge and sometime acting Chief Justice, Calcutta. 91A, Harish Mukherjee Road, Bhawanipore, Calcutta.
7-2-27	N	Chatterjee, ASHOKE, B.A. (CAL.), B.A. (CANTAB.), Labour Welfare Office. Burnpur, Via Asansol.
1-7-40	R	Chatterjee, A. B., M.A., General Manager, Metropolitan Printing & Publishing House Ltd., 4-B, Council House Street, Calcutta.
27-10-15	F	Chatterjee, SIR ATUL CHANDRA, K.C.I.E., K.C.S.I., Late High Commissioner for India. Withdean, Cavendish Road, Weybridge, Surrey, England.
2-3-36	R	Chatterjee, MANOMOHAN, B.SC. (CAL.), PH.D. (LOND.), A.R.C.S., D.I.C., Professor of Geology, Presidency College. 170/2, Lower Circular Road, Calcutta.
1-10-20	R	Chatterjee, NIRMAL CHANDRA, Barrister-at-Law. 47/1, Theatre Road, Calcutta.
4-7-27	R	Chatterjee, PATITPABON. M.A., B.L., Vakil, High Court. 84, Harrison Road, Calcutta.
3-12-34	N	Chatterjee, SISIR CHANDRA, M.D. (EDIN.), M.R.C.P. (EDIN.), D.P.H. (EDIN.), Chief Medical & Health Officer. Headquarters Offices, N.W. Ry., Lahore.
2-9-40	R	Chatterji, BANKIM CHANDRA, M.SC., (GOLD MEDALLIST), Member of the Calcutta Mathematical Society, Research Scholar, Calcutta University. 15, Vidyasagar Street, Calcutta.
4-6-34	N	Chatterji, BIJAN RAJ, PH.D. (LONDON), D.LITT. (PUNJAB), Professor of History, Meerut College. Meerut.
5-1-31	R	Chatterji, DURGACHARAN, M.A., Lecturer in Sanskrit, Bethune College. 39, Jatin Das Road, Kalighat, Calcutta.
7-6-11	R	Chatterji, KARUNA KUMAR, LT.-COL., I.T.F., M.C., V.H.A.S. 15, Camac Street, Calcutta.
7-5-28	R	Chatterji, KEDAR NATH, B.SC. (LONDON), A.E.C.S. (LONDON). 43, Wellesley Street, Calcutta.
6-8-24	R	*Chatterji, SUNITI KUMAR, M.A. (CAL.), D.LITT. (LONDON), F.R.A.S.B. Khaira Professor of Linguistics, Calcutta University. 'Sudharma', 16, Hindusthan Park, (off Rashbihari Avenue East End), Ballygunge, Calcutta.
2-3-36	R	Chatterji, MRS. TUHNIKA, M.A., KAVYATIRTHA, Research Scholar, Examiner, Calcutta University. 5, Wood Street, Calcutta.
5-11-24	R	Chattopadhyay, K. P., M.SC., Professor, Calcutta University. 2, Palm Place, Ballygunge, Calcutta.
2-11-25	N	Chattopadhyaya, KSHETRESA CHANDRA, M.A., Lecturer in Sanskrit. Allahabad University, Allahabad.
4-4-38	R	Chaudhuri, MRS. ROMA, M.A., D.PHIL. (OXON). 3, Federation Road, Calcutta.
4-11-35	R	Chaudhuri, S. N. 52, Ballygunge Circular Road, Calcutta.
5-12-23	L	Chopra, B. N., D.SC., F.N.I., F.L.S., Assistant Superintendent, Zoological Survey of India. Indian Museum, Calcutta.

Date of Election.		
1-2-22	R	* Chopra, R. N. , C.I.E., M.A., SC.D., M.D. (CANTAB.), F.R.C.P., F.N.I., F.R.A.S.B., BREVET-COL., I.M.S., <i>Professor of Pharmacology</i> . School of Tropical Medicine and Hygiene, Chittaranjan Avenue, Calcutta.
5-12-27	L	Chowdhury, SIR CHHAJURAM , KT., C.I.E., M.L.C. 21, Belvedere Road, Calcutta.
2-4-28	R	Chowdhury, RAI JATINDRANATH , <i>Zemindar</i> . 36, Russa Road, Tollygunge, Calcutta.
3-7-07	L	* Christie, WILLIAM ALEXANDER , KYNOCH, B.SC., PH.D., M.INST.M.M., F.R.A.S.B. Secretariat, Principal Supply Officers' Committee (India), Defence Department, Simla.
2-2-31	R	Clough, JOHN , <i>Barrister-at-Law</i> . 17, Store Road, Ballygunge, Calcutta.
5-5-30	F	Cooper, G. A. P. 29, Eccleston Street, Eaton Square, London, S.W. 1.
4-11-29	L	* Cotter, GERALD DE PURCELL , B.A., SC.D. (DUBLIN), M.INST.M.M., F.G.S., F.R.A.S.B. 'Fallowfield', Manor Road, Penn., Bucks., England.
4-3-40	R	Crawford, C. E. J. , B.A., B.SC., <i>Technical Staff, Imperial Chemical Industries (India) Ltd.</i> , 18, Strand Road, Calcutta.
2-11-25	R	Crookshank, HENRY , B.A., B.A.I. (DUBLIN), F.N.I., <i>Assistant Superintendent, Geological Survey of India</i> . 27, Chowringhee, Calcutta.
6-3-39	N	Cuishaw, REV. WESLEY JAMES , <i>Methodist Minister</i> . P.O. Serenga, Dist. Bankura.
7-3-32	R	Darbari, M. D. , <i>Incorporated Accountant, S. B. Billimoria & Co., Ltd.</i> 100, Clive Street, Calcutta.
4-3-25	R	Das, AJIT NATH, RAI BAHADUR , M.R.A.S., F.Z.S., <i>Zemindar</i> . 24, South Road, Entally, Calcutta.
5-12-39	N	Das-Gupta, C. C. , M.A., <i>Archæological Survey of India</i> . Western Circle, Poona.
1-3-26	R	Datta, HIRENDRA NATH , M.A., B.L., <i>Solicitor, High Court</i> . 139, Cornwallis Street, Calcutta.
6-8-24	L	Davies, L. M. , LT.-COL., M.A., F.R.S.E., F.R.A.I., F.G.S. 8, Garscube Terrace, Murrayfield, Edinburgh, 12, Scotland.
4-3-29	R	De, J. C. , M.B., LT.-COL., I.M.S. 11, Rowland Road, Calcutta.
3-6-40	R	De, JATIS CHANDRA , M.A., B.L. (CAL.), M.A. (LOND.), <i>Colonial Educational Service</i> , 11, Ray Street, Elgin Road P.O., Calcutta.
19-9-95	L	De, KIRAN CHANDRA , C.I.E., B.A., I.C.S. (RETD.), <i>Manager, Nawab Bahadur of Murshidabad Estate</i> . Lalbagh, Murshidabad.
4-3-25	R	Deb, KSHITINDRA , RAI MAHASAI. 21/E, Rani Sankari Lane, Kalighat, Calcutta.
5-12-27	L	Dechhen, H.H. MAHARANI KUNZANG , <i>Maharani of Sikkim</i> . Gangtok, Sikkim.
5-5-30	N	Deo, SIR PRATAP CHANDRA BHANJ , K.C.I.E., <i>Maharajah, Ruler of Mayurbhanj State</i> . P.O. Baripada, Mayurbhanj, B.N.R.
5-11-34	R	Dey, MUKUL , A.R.C.A. (LOND.), M.C.S.E. (U.S.A.), F.R.S.A., etc., <i>Principal, Govt. School of Art</i> ; <i>Officer in charge, Art Section Keeper of Govt. Art Gallery</i> ; <i>Trustee, Indian Museum</i> . 28, Chowringhee, Calcutta.

Date of Election.		
4-5-10	L	Dhayle , THE HON'BLE MR. JUSTICE SHANKAR BALAJI, B.A., I.C.S., <i>Judge, Patna High Court.</i> Patna.
4-8-20	N	*Dikshit , KASHINATH NARAYAN, M.A., F.R.A.S.B. c/o The Office of the Director-General of Archaeology, New Delhi.
5-1-98	R	Dods , WILLIAM KANE, <i>Agent Hongkong and Shanghai Banking Corporation.</i> 6, Minto Park, Alipur, Calcutta.
2-7-02	L	Doxey , FREDERICK. 'Ballygunge', Cooden Drive, Bexhill-on-Sea, Sussex, England.
7-11-32	R	Driver , DARAB CURSETJI, M.A. (CANTAB.), <i>Barrister-at-Law, Constituted Attorney to Messrs. Tata & Sons, Ltd., Managing Agents for The Tata Iron & Steel Co., Ltd.</i> 87/C, Park Street, Calcutta.
6-6-38	N	Dudhoria , NABA KUMAR SING, <i>Zemindar and Banker.</i> Azimganj Dt. Murshidabad.
6-9-37	A	Durniz-Podewills , COUNT, <i>Consul-General for Germany.</i> 34, Park Street, Calcutta.
2-1-33	R	Dutch , ROBERT AUSTEN, B.A. (CANTAB.), I.C.S., <i>District Judge.</i> Alipore, Calcutta.
3-7-33	R	Dutt , GURU SADAY, <i>Barrister-at-Law, I.C.S.</i> 12, Loudon Street, Calcutta.
30-9-35	R	Dutt , MOHENDRA NATH, L.E., <i>Consulting Engineer.</i> 12, Kailas Bose Lane, Howrah.
5-12-32	R	Dutt , NALINAKSHA, M.A., PH.D., D.LITT. (LOND.), <i>Lecturer, Calcutta University.</i> 39, Badur Bagan Row, P.O. Amherst Street, Calcutta.
1-7-40	R	Dutt , SUDHIR CHUNDER, CAPT., M.B., A.I.R.O., <i>Ophthalmic Surgeon, Mayo Hospital,</i> 214, Lower Circular Road, Calcutta.
2-12-40	R	Edgley , HON'BLE MR. JUSTICE NORMAN GEORGE ARMSTRONG, <i>Puisne Judge, Calcutta High Court,</i> 9/1, Middleton Street, Calcutta.
1-11-38	N	Eekhout , JHR. P.J., <i>Vice-Consul for Netherlands.</i> Clarke's Hotel, Simla.
5-1-31	L	Evans , PERCY, B.A. (CANTAB.), F.G.S., <i>Geologist.</i> c/o The Burma Oil Co., Digboi, Assam.
6-2-28	L	Ezra , SIR DAVID, KT., F.Z.S., M.B.O.U. 3, Kyd Street, Calcutta.
2-5-38	R	Faroqui , NAWAB SIR K. G. M., KT., of Ratanpur. 20/1, Store Road, Calcutta.
2-12-29	R	Fawcus , LOUIS REGINALD, C.I.E., B.A. (CANTAB.), <i>Indian Civil Service, United Service Club,</i> Calcutta.
3-8-04	L	*Fermor , SIR LEWIS LEIGH, KT., O.B.E., M.INST.M.M., D.SC., A.R.S.M., F.G.S., F.R.S., F.N.I., F.R.A.S.B., <i>Late Director, Geological Survey of India.</i> c/o Messrs. Lloyds Bank, Ltd., 6, Pall Mall, London.
5-2-40	F	Fleming , ANDREW, <i>Rand Club,</i> Johannesburg.
4-3-40	R	Foster , ALBERT RIDGELEY, B.SC., A.I.C., <i>Agricultural Chemist and Agricultural Expert, c/o Imperial Chemical Industries (India) Ltd.,</i> 18, Strand Road, Calcutta.
5-11-13	L	*Fox , CYRIL S., D.SC. (BIRM.), M.I.M.E., F.G.S., F.N.I., F.R.A.S.B. <i>Geological Survey of India,</i> 27, Chowringhee, Calcutta.
5-11-28	R	Galstaun , JOHN CARAPIET, O.B.E., <i>Merchant and Landholder.</i> 234/4, Lower Circular Road, Calcutta.

Date of Election.		
1-11-26	R	Galstaun, SHANAZAN, G., M.A., D.M.R.E., M.R.C.S., L.R.C.P., <i>Medical Practitioner, Radiologist, Medical College Hospital.</i> 34, Chowringhee Road, Calcutta.
6-10-09	R	* Gangoly, ORDHENDRA COOMAR, B.A., F.R.A.S.B. 2, Asutosh Mukherjee Road, Calcutta.
5-11-34	R	Gee, EDWARD ROWLAND, M.A. (CANTAB.), F.N.I., F.G.S., <i>Assistant Superintendent, Geological Survey of India.</i> 27, Chowringhee, Calcutta.
2-1-33	N	George, JAMES, B.A. (CANTAB.), I.C.S., <i>Joint Magistrate and Dy. Collector.</i> Dacca.
5-2-40	N	Ghatak, INDU BHUSHAN, B.A. (CAL.), C.T.E. (DAC.), MED. (AMB.), DIP. LBR. (B.L.A.), <i>Examiner, Patna University, Lecturer, St. John Ambulance Association, Ex-member, Subordinate Educational Service, C.P., Associate, Red Cross Society, Headmaster, Raj High School, Garh Banaili P.O., (Purnea).</i>
6-2-33	L	Ghatak, JYOTISH CHANDRA, M.A. (TRIPLE), SAHITYA SARASWATI, JYOTISH-SAGARA, <i>Professor.</i> 4, Boloram Bose Ghat Road, Bhawanipore, Calcutta.
7-5-28	R	* Ghosal, UPENDRA NATH, M.A., PH.D., F.R.A.S.B., <i>Professor of History, Presidency College.</i> 35, Badur Bagan Row, Calcutta.
5-4-26	R	Ghose, BIMAL CHANDRA, Barrister-at-Law. 27/1, Harish Mukherjee Road, Calcutta.
7-1-29	R	Ghose, THE HON'BLE MR. JUSTICE MOHIM CHANDRA, B.A. (CAL.), M.A. (CANTAB.), I.C.S., <i>Barrister-at-Law (Inner Temple), Judge, High Court.</i> 4A, Little Russell Street, Calcutta.
3-12-24	R	Ghose, SUSHIL CHANDRA, B.A., <i>Deputy Magistrate.</i> 1, Sikdarbagan Street, Calcutta.
7-9-36	R	Ghosh, J., M.A. (CAL.), PH.D. (EDIN.), F.N.I., <i>Professor of Mathematics, Presidency College.</i> 9, Satyen Dutta Road, Calcutta.
4-9-39	N	Ghosh, J. C., D.SC., F.N.I., <i>Director, The Indian Institute of Science.</i> Bangalore.
2-4-24	R	Ghosh, K., D.T.M., D.P.H. (CANTAB.), L.M.S., <i>Medical Practitioner.</i> 45, Creek Row, Calcutta.
7-3-27	R	Ghosh, PHANINDRA NATH, M.A., PH.D., SC.D. (PADUA), F.INST.P., <i>Sir Rashbehary Ghosh Professor of Applied Physics, University of Calcutta.</i> 92, Upper Circular Road, Calcutta.
2-9-40	R	Ghosh, PRASHANTA KUMAR, Visiting Physician, Carmichael Medical College Hospital, Belgachia, Calcutta, P.7/1, Chittaranjan Avenue, P.O. Beadon Street, Calcutta.
4-9-12	R	Ghosh, TARAPADA, Zemindar. 14, Puddapukur Street, Kidderpore, Calcutta.
1-2-26	R	Ghuznavi, SIR ABDUL HALIM, KT., M.L.A., <i>Zemindar.</i> 18, Canal Street, Entally, Calcutta.
6-8-28	R	Ghuznavi, ISKANDER S. K., Zemindar. 21, Syed Amoor Ali Avenue, Circus P.O., Calcutta (and) Dilduar, Mymensingh.
7-12-36	R	Gillespie, ANDREW DOLLAR, Chemist and Senior Partner, Messrs. Bathgate & Co. 17, Old Court House Street, Calcutta.
5-3-28	R	Goopu, DWIJENDRA NATH, Medical Practitioner and Landholder. 5, Middleton Street, Calcutta.
7-9-10	N	* Gravelly, FREDERIC HENRY, D.SC., F.N.I., F.R.A.S.B. <i>Museum House, Egmore, Madras.</i>

Date of Election.		
6-5-40	R	Griffiths, WALTER GERALDSON , B.S.C. (CALIF.), B.D. (DREW), M.A. (NEW YORK), PH.D. (DREW), <i>Missionary</i> , 13, Wellington Sqr., Calcutta.
4-3-35	R	Groth, EDWARD, M. , <i>American Consul</i> . American Consulate General, 9, Esplanade Mansions, Esplanade, Calcutta.
4-2-25	L	*Guha, B. S. , M.A., PH.D. (HARVARD), F.N.I., F.R.A.S.B. Indian Museum, Calcutta.
5-3-19	N	Gupta, SIVAPRASAD . Seva Upavana, Benares City.
5-8-15	R	Gurner, CYRIL WALTER . B.A. (OXON), I.C.S., <i>Chairman</i> , <i>Improvement Trust</i> . 4, Theatre Road, Calcutta.
5-2-34	R	Haldar, BHARATI VIKAS , M.A., B.L., <i>Advocate</i> , <i>High Court</i> . 47, Haldarpara Road, Kalighat, Calcutta.
6-1-30	N	Haldar, SUDHINDRA KUMAR , M.A., I.C.S., <i>District and Sessions Judge</i> , <i>Khulna</i> .
6-9-37	N	Halim, ABDUL, DR. , M.A., <i>Lecturer in History</i> , <i>Muslim University</i> . Aligarh.
2-4-24	R	Hag, M. MAHFUZ-UL , M.A., <i>Professor</i> , <i>Presidency College</i> . 8/B, Dargah Road, Park Circus, Calcutta.
1-5-12	A	Harley, ALEXANDER HAMILTON , M.A., I.E.S., <i>Late Principal</i> , <i>Islamia College</i> . 19, Wellesley Square, Calcutta.
1-2-26	F	Harris, H. G. Gunnespory Avenue, Ealing, London.
2-4-28	R	Harris, LAWRENCE ERNEST , <i>Engineer</i> , <i>Manager for India</i> , <i>Messrs. Sulzer Brothers</i> . 4, Lyons Range, Calcutta.
4-3-40	N	Harshé, RAMKRISHNA GANESH , B.A. (TILAK), D.LIT. (PARIS), <i>Registrar</i> , <i>Deccan College Post-Graduate and Research Institute</i> , Poona.
4-3-40	N	Haryana, RAM ADHAR , B.A., <i>Dy. Jailor</i> (U.P. Jails), <i>District Jail, Etah</i> , (U.P.).
7-8-39	N	Helland, BERNHARD ALVIN , M.A. (MINNESOTA), B.D. (AUGSBURG SEMINARY, U.S.A.), <i>Missionary</i> , <i>Principal</i> , <i>Kaerabani Boys' Middle English and Guru Training School</i> , Kaerabani, via Dumka, Santal Parganas.
6-8-28	N	*Heron, A. M. , D.S.C. (EDIN.), F.G.S., F.R.G.S., F.N.I., F.R.S.E., <i>Late Director</i> , <i>Geological Survey of India</i> . Mines and Geology Office, Hyderabad, Deccan.
7-6-11	L	*Hidāyat Hosain, MUHAMMAD, SHAMS 'UL-'ULAMA, KHAN BAHADUR, PH.D., F.R.A.S.B. 172/26, Lower Circular Road, Calcutta.
4-11-35	R	Hirtzel, MICHAEL ARTHUR FREDERICK , B.A. (TRINITY COLLEGE, OXFORD), <i>Mercantile Assistant</i> , <i>Macneill & Co.</i> 2, Fairlie Place, Calcutta.
1-4-25	R	Hobbs, HENRY, MAJOR, V.D. , <i>Merchant</i> . 9, Old Court House Street, Calcutta.
7-3-27	A	Hopkinson, ARTHUR JOHN , I.C.S., <i>Secretary to the Government</i> , <i>N.-W.F. Province</i> . Peshawar, N.-W.F.P.
2-11-21	L	*Hora, SUNDER LAL, RAI BAHADUR , D.S.C., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B. <i>Zoological Survey of India</i> , Indian Museum, Calcutta.
6-6-23	L	*Howard, SIR ALBERT, KT. , C.I.E., M.A., F.R.A.S.B., <i>Late Director</i> , <i>Institute of Plant Industry</i> , Indore, and <i>Late Agricultural Adviser to States in Central India</i> . 14, Liskeard Gardens, Blackheath, London, S.E. 3.
5-2-40	R	Huda, SYED SHAMSUL , <i>Research Scholar</i> (<i>Anjuman Taraqqee Urdu, Delhi</i>), 3B, Taltolla, Entally, Calcutta.

Date of Election.		
7-3-32	N	Hughes, ARTHUR, B.A. (MANCHESTER), Indian Civil Service, District Magistrate. Faridpore.
6-8-34	N	Husain, SYED ATA, M.A. (CAL.), C.R. (ROORKEE), Retired Superintending Engineer, Hyderabad State. Mohalla Lingumpally, Hyderabad, Deccan.
6-6-23	A	*Hutton, J. H., C.I.E., I.C.S., M.A., D.SC., F.R.A.S.B. University Museum of Archaeology and Ethnology, Downing Street, Cambridge, England.
1-2-11	L	Isch, JAMES. 18, Beechwood Avenue, Boscombe, Hants, England.
2-12-40	R	Isch-Wall, CLAUDE, LICENCIÉ-ÈS-SCIENCE (MATHÉMATIQUES ET PHYSIQUES) Lieutenant British Army, Grand Hotel, Calcutta.
2-5-38	R	Jacob, J. R., Director, Messrs. B. N. Elias & Co., Merchant and Landholder. Norton Buildings, Old Court House Corner, Calcutta.
1-7-40	R	Jagannath, SRI, Officer, Indian State Rlys., Suite No. 12A, 53, Chowringhee Road, Calcutta.
6-6-27	L	Jain, BALDEODAS, Merchant and Banker. 21, Armenian Street, Calcutta.
2-2-21	R	Jain, CHHOTE LAL, M.R.A.S. 174, Central Avenue, Calcutta.
6-1-30	N	Jain, NIRMAL KUMAR. Devashrama, Arrah.
6-8-28	N	Jaitly, P. L., Electrical Engineer, Merchant. 15, Canning Road, Allahabad.
2-12-40	R	Jalan, MOHANLAL, Landlord, 61, Harrison Road Calcutta.
1-11-26	N	Jameson, THOMAS BLANDFORD, MAJOR, M.C., M.A. (CANTAB.), I.C.S., District and Sessions Judge. Dinajpur.
1-11-38	R	Jatia, KANAI LALL. 21, Roopchand Roy Street, Calcutta.
4-2-29	R	Jenkins, WALTER ALLEN, D.SC. (SHEFFIELD), L.E.S. United Service Club, Calcutta.
1-11-11	L	Kamaluddin, AHMAD, SHAMS'UL-'ULAMA, M.A., I.E.S., 3, Nawab Abdur Rahman Street, Calcutta.
4-5-10	L	*Kemp, STANLEY W., B.A., D.SC., F.R.S., F.A.S.B. Marine Biological Association of U.K. The Laboratory, Citadel Hill, Plymouth, England.
6-3-01	N	*Khan, THE HON'BLE NAWAB SADR YAR JUNG, MOHD. HABIB-UL-RAHMAN, F.R.A.S.B., Rais, Bhikampur. Habibganj, District Aligarh.
3-12-24	R	Khan, REZAUR RAHMAN, M.A., B.L., Deputy President, Bengal Legislative Council. 46, Old Ballygunge 1st Lane, Calcutta.
2-8-26	R	Khettry, BENIMADHO, Proprietor, Messrs. Gouri Shanker Khettry, Landholders, Bankers and Merchants. 15, Paggiyapatti, Barabazar, Calcutta.
2-11-25	F	Kimura, R. (KO-SHI), Principal, College Department of Risscho University. Osaki Machi, Tokyo, Japan.
5-2-34	N	Kirby, WALTER, B.SC., Inspector of Mines in India. Dhanbad, E.I.R.
4-11-35	R	Klebe, ANINA, née BRANDT, TH.D. (GRIETSWALD, GERMANY), Psychologist. 26, Royal Court, 5/1, Russell Street, Calcutta.

Date of Election.		
1-3-26	R	Kramrisch, STELLA (MRS.), PH.D., <i>Lecturer in Ancient Indian History (Fine Arts), Calcutta University.</i> 7, Raja Santosh Road, Alipur, Calcutta.
7-3-23	A	Labey, GEORGE THOMAS, M.C., <i>Bengal Pilot Service.</i> United Service Club, Calcutta.
4-2-35	R	Lal, RAM BIHARI, M.B.B.S., D.P.H., D.T.M. & H., D.B., F.N.I., <i>Professor of Vital Statistics and Epidemiology, All-India Institute of Hygiene and Public Health.</i> 21, Chittaranjan Avenue, Calcutta.
5-2-40	R	Law, ANANTA CHURN, Attorney-at Law, 23, Badur Bagan Road, Calcutta.
5-2-34	R	Law, BHABANI CHURN, Merchant, Zemindar and Artist. 223, Cornwallis Street, Calcutta.
5-8-14	L	*Law, BIMALA CHARAN, M.A., B.L., PH.D., F.R.HIST.S., F.R.A.S.B. 43, Kailas Bose Street, Calcutta.
1-2-11	R	*Law, NARENDRA NATH, M.A., B.L., PH.D., F.R.A.S.B. 96, Amherst Street, Calcutta.
4-2-35	R	Law, PARBUTTY CHURN. 223, Cornwallis Street, Calcutta.
1-7-14	R	Law, SATYA CHURN, M.A., B.L., PH.D., F.N.I., F.Z.S., M.B.O.U. 50, Kailas Bose Street, Calcutta.
7-6-26	R	Lemmon, RICHARD DENNIS, Merchant. c/o Messrs. Martin & Harris, Ltd., 17, Prinsep Street, Calcutta.
1-6-31	L	Lort-Williams, THE HON'BLE MR. JUSTICE JOHN, KT., K.C., <i>Barrister-at-Law, Judge, High Court.</i> 227/1, Lower Circular Road, Calcutta.
2-8-05	L	*McCay, DAVID, LT.-COL., I.M.S., M.D., B.CH., B.A.O., M.R.C.P., F.R.A.S.B. c/o The Standard Bank of S. Africa, Hanover, Cape Province, S. Africa.
11-1-93	L	*MacLagan, SIR EDWARD DOUGLAS, K.C.S.I., K.C.I.E., F.R.A.S.B. 39, Egerton Terrace, London, S.W. 3.
3-3-20	R	Mahalanobis, P. C., M.A., B.Sc., F.N.I., I.E.S., <i>Professor, Presidency College.</i> 210, Cornwallis Street, Calcutta.
2-5-38	R	Mahtab, MAHARAJ KUMAR A. C., <i>Bijay Manzil,</i> 2, Judge's Court Road, Alipur, Calcutta.
1-3-11	R	Mahtab, SIR BIJAY CHAND, K.C.S.I., I.O.M., MAHARAJA-DHIRAJA BAHADUR OF BURDWAN. 2, Judge's Court Road, Alipur, Calcutta.
3-2-30	N	Mahtab, UDAY CHAND, B.A., <i>Maharaj Kumar of Burdwan.</i> The Palace, Burdwan.
6-2-24	R	Mahindra, K. C., B.A. (CANTAB.). Messrs. Martin & Co., 12, Mission Row, Calcutta.
3-7-39	R	Majumdar, JATINDRA MOHAN, M.A., <i>Deputy Dock Superintendent, Calcutta Port Commissioners.</i> 29, School Row, Bhawanipore, Calcutta.
2-2-16	R	Majumdar, NARENDRA KUMAR, M.A., <i>Professor, Calcutta University.</i> 3, Government Place, West, Calcutta.
4-6-13	N	*Majumdar, RAMESH CHANDRA, M.A., PH.D., F.R.A.S.B., <i>Vice-Chancellor, Dacca University.</i> Ramna, Dacca.
4-11-29	R	Mallya, BANTWAL GANAPATHY, LT.-COL., I.M.S., F.R.C.S.E., <i>Superintendent, Campbell Medical School.</i> Calcutta.
7-9-36	N	Mandhata, H. C., M.A. (ALLAHABAD), <i>Member, Pelman Institute, formerly History Lecturer, Agra College.</i> Ghaziabad, Meerut.
6-2-18	L	*Manen, JOHAN VAN, C.I.E., <i>Officer de l'Instruction Publique, F.R.A.S.B.</i> 6, Temple Chambers, 6, Old Post Office Street, Calcutta.

Date of Election.		
5-6-01	F	Mann, HAROLD HART, D.SC., M.SC., F.I.C., F.L.S. Woburn Experimental Station, Aspley Guise, Bedfordshire, England.
6-1-30	N	Martin, M. F. C., CAPT., R.F. c/o The Garrison Engineer, Lovalai, Baluchistan.
4-3-40	R	Mazumdar, DWIJENDRA LAL, Indian Civil Service, 11A, Mayfair, Ballygunge, Calcutta.
2-1-28	N	Mello, FROILANO DE, COLONEL, Director-General of Medical Services in Portuguese India, Professor of Parasitology, Nova Gôa.
6-3-39	R	Meyer, MISS SALLY, M.A., Professor of Botany, Victoria Institution. 11, Sudder Street, Calcutta.
5-11-84	L	*Middlemiss, CHARLES STEWART, C.I.E., F.R.S., B.A., F.G.S., F.R.A.S.B. Aviemore, Crowborough, Sussex, England.
1-2-26	N	*Mills, JAMES PHILIP, I.C.S., M.A. (OXON), J.P., F.N.I., F.R.A.S.B. Shillong, Assam.
5-3-24	N	Mitter, THE HON'BLE SIR B. L., K.C.S.I., M.A., B.L., Barrister-at-Law, Advocate-General, Federal Court. New Delhi.
5-4-26	R	Mitter, KHAGENDRA NATH, RAI BAHADUR, M.A., Professor, Presidency College (Retired). 6, Ballygunge Place, Calcutta.
30-9-35	R	Mitter, SUDHIR CHUNDER, Barrister-at-Law. 19, Camac Street, Calcutta.
7-12-36	R	Mittra, S. C. 34, Shampukur Street, Calcutta.
1-11-26	R	Modi, JAL R. K., B.A. 4, Camac Street, Calcutta.
5-3-34	R	Modi, JEHANGIR JEEVANJI JAMSHEDJI, Merchant. 5, Dhurrumtollah Street, Calcutta.
5-11-24	R	Mookerjee, B. N., B.A. (CANTAB.), Engineer. 12, Mission Row, Calcutta.
2-7-24	R	Mookerjee, SYAMAPRASAD, M.A., B.L., D.LITT., Barrister-at-Law. 77, Asutosh Mookerjee Road, Calcutta.
5-4-37	N	Mooney, H. F., I.F.S., Forest Adviser. Sambalpur, B.N. Ry., Orissa.
5-7-37	N	Mozumdar, SUPRABHAT, Master, Rajkumar College. Staff Club, Raipur, C.P.
4-12-39	R	Mukerjee, JYOTISH CHANDRA, Chief Executive Officer, Calcutta Corporation, 28, Camac Street, Calcutta.
6-3-39	R	Mukerjee, S. C., Retired Member of the Indian Civil Service. 25/1, Rowland Road, Calcutta.
2-2-21	N	Mukerjee, SUBODH CHANDRA, SHASTRI, M.A., DOCTEUR-ES-LETTRES (PARIS), Secretary, Mayurbhanj State. Batipada.
6-2-28	R	Mukerji, SIR MANMATHA NATH, KT., M.A., B.L., Late Judge, High Court. 8/1, Harsi Street, Calcutta.
5-7-37	R	Mukerji, PANNALAL, RAI BAHADUR, Zemindar and Honorary Magistrate. 7, Rajmohan Road, Uttarpura, Hooghly.
5-12-27	R	Mukherjee, SUSIL KUMAR, F.R.C.S. (EDIN.), D.O. (OXON), D.O.M.S. (LOND.), Ophthalmic Surgeon, Carmichael Medical College Hospitals. 1/1, Wood Street, Calcutta.
7-11-27	N	Mukherjee, DEVAFROSANNA, M.A., B.L., Zemindar. Burdwan.
2-8-26	R	*Mukherjee, JNANENDRA NATH, D.SC. (LONDON), F.C.S. (LONDON), F.N.I., F.R.A.S.B., Ghose Professor of Chemistry, University of Calcutta. 92, Upper Circular Road, Calcutta.

Date of Election.		
5-7-26	R	Mukhopadhyaya , PRABHAT KUMAR, M.A., <i>Research Assistant, Calcutta University</i> . 6, Hindustan Park, Ballygunge, Calcutta.
2-2-21	R	Mukhopadhyaya , RAMAPRASAD, M.A., B.L. 77, Ashutosh Mookerjee Road, Bhawanipore, Calcutta.
2-4-28	R	Mullick , KARTICK CHURN, KUMAR, <i>Director, Raja D. N. Mullick & Sons, Ltd.</i> Colootola Rajbati, Chittaranjan Avenue, Calcutta.
6-8-34	R	Mullick , MANICK LALL, <i>Landholder; Honorary Magistrate, Sealdah</i> . 123, Grey Street, Calcutta.
4-3-29	R	Mullick , PRAMATHA NATH, RAI BAHADUR, <i>Zemindar and Landholder</i> . 129, Cornwallis Street, Calcutta.
7-5-28	N	Murray , EUGENE FLORIAN OLIPHANT, A.I.M.M., F.G.S., <i>Mining Geologist and Engineer</i> . Tatanagar, B.N. Ry.
5-6-39	R	Nag , KALIDAS, M.A. (CAL.), D.LITT. (PARIS), <i>Lecturer, Calcutta University</i> . 283, Park Circus, Calcutta.
5-12-27	L	Namgyal , H.H. MAHARAJA SIR TASHI, K.C.I.E., <i>Maharaja of Sikkim</i> . Gangtok, Sikkim.
6-6-27	N	Nandi , MAHARAJA SRIS CHANDRA, M.A., M.L.C., <i>Zemindar</i> . Kasimbazar Rajbari, Kasimbazar, Murshidabad.
4-2-29	N	Narain , HIRDE, M.A., B.T., <i>Professor of History, Morris College</i> . Nagpur, C.P.
5-2-34	N	Nariman , RUSTOM, K., M.I.C.E., A.C.H., F.R.G.S. (<i>Retired Superintending Engineer, Punjab Irrigation</i>), <i>Professor of Engineering, Osmania University</i> . c/o The Union Bank of India, Fort, Bombay.
5-3-28	R	Neogi , PANCHANAN, M.A., PH.D., F.N.I., I.E.S., <i>Professor of Chemistry, Presidency College</i> . 44A, New Shambazar Street, Calcutta.
3-11-30	N	Newman , CARL DAMIEN, M.B.B.S., D.T.M. & H., <i>District Medical Officer, E.B. Ry.</i> Lalmonirhat, E.B. Ry.
3-12-24	A	Newman , CHAS. F., F.R.G.S., M.R.S.T., M.C.P. Ramnagar, Benares.
7-4-15	L	Ohtani , COUNT KOZUI. San-ya-so, Edomachi, Fushimi, Kyoto, Japan.
1-5-39	R	Parker , E., CAPT., I.A. (RETD.). c/o Remington Rand Inc., 3, Council House Street, Calcutta.
5-2-34	R	Pasricha , CHIRANJI LAL, M.A., M.B., B.CHIR. (CANTAB.), M.R.C.S. (ENG.), L.R.C.P. (LOND.), MAJOR, I.M.S., <i>Professor of Pathology, Bacteriology and Helminthology, School of Tropical Medicine and Hygiene</i> . Chittaranjan Avenue, Calcutta.
6-6-88	L	Pannell , AUBRAY PERCIVAL, B.A., <i>Barrister-at-Law</i> . Lamb's Building, Temple, London, E.C. 4.
5-2-40	R	Pask , JOHN DAVID, B.SC., PH.D. (LEEDS), <i>Chief Chemist, Howrah Mills Co., Ltd.</i> , Ramkrishnapur, Howrah.
5-2-34	N	Percival , FREDERICK GEORGE, PH.D. (LOND.), F.G.S., <i>General Superintendent, Ore Mines and Quarries, Tata Iron and Steel Co.</i> Jamshedpur.
1-4-25	R	Perier , FERDINAND, S.J., <i>Most Reverend the Archbishop of Calcutta</i> . 32, Park Street, Calcutta.
3-6-40	F	Poleman , HORACE IRVIN, B.A., M.A., PH.D., <i>Director of Indic Studies, Library of Congress</i> . Washington, D.C., U.S.A.

Date of Election.		
3-4-18	L	*Prashad, BAINI, D.S.C., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B., <i>Director, Zoological Survey of India.</i> Indian Museum, Calcutta.
3-8-25	N	*Pruthi, HEM SINGH, M.S.C. (PUNJAB), PH.D. (LONDON), F.N.I., F.R.A.S.B., <i>Imperial Entomologist, Imperial Institute of Agricultural Research.</i> Pusa, Darbhanga.
3-12-24	R	Pushong, E. S., M.D., L.S.A., <i>Medical Practitioner.</i> 1, Chapel Road, Hastings, Calcutta.
4-12-39	R	Radhakrishnan, SIR SARVAPALLI, KT., M.A., F.B.A., D.LIT. <i>George V Professor of Philosophy, Calcutta University</i> P. 378, Southern Avenue, P.O. Kalighat, Calcutta.
3-11-30	R	Rahman, SHAH KALIMUR, M.A., <i>Lecturer in Arabic and Persian, Calcutta University.</i> Carmichael Hostel, 51, Baitakkhana Road, Calcutta.
7-9-36	N	Ram, DOULAT, <i>Accountant, Military Secretary's Office.</i> c/o Messrs. Biru Mal Chiranji Lal, Chhatla Magni Ram, Patiala.
2-1-39	R	Ramachandran, T. N., M.A., <i>Offy. Superintendent, Archaeological Section, Indian Museum.</i> 27, Chowringhee, Calcutta.
2-10-39	N	Rangarajam, KRISHNASWAMI, <i>Employee, I.C.I. (India) Ltd., Madras.</i> Rukmani Building, Mambalam West, Madras.
6-8-34	R	Rao, U. SHANKER, <i>Bengal Pilot Service.</i> 83, Chowringhee, Calcutta.
1-2-26	N	Rao, Y. RAMACHANDRA, RAO SAHIB, M.A., F.E.S., <i>Locust Research Entomologist.</i> 5, Scindia House, New Delhi.
2-7-24	N	Ray, ABINASH CHANDRA, B.A. R.M.H.E. School, P.O. Baidyabati.
7-9-21	R	Ray, HEM CHANDRA, M.A., PH.D. (LONDON), D.LIT. (LONDON). 135B, Vivekananda Road, Calcutta.
5-1-21	N	Ray, JAGADISNATH, MAHARAJA, <i>Maharaja of Dinajpore.</i> Dinajpore.
5-3-90	R	*Ray, SIR PROFULLA CHANDRA, KT., C.I.E., D.S.C., F.N.I., F.R.A.S.B. <i>University College of Science,</i> 92, Upper Circular Road, Calcutta.
4-12-39	R	Ray-Chowdhury, H. C., <i>Carmichael Professor of Ancient Indian History and Culture, Calcutta University.</i> 6, Mysore Road, Kalighat, Calcutta.
5-11-28	L	Reinhart, WERNER, <i>Merchant.</i> c/o Messrs. Volkart Bros., Rychenberg, Winterthur, Switzerland.
2-4-24	F	Richards, F. J., I.C.S. 1-A, Collingham Road, London, S.W. 5.
5-2-34	R	Richter, HERBERT, DR. JUR., <i>Vice-Consul for Germany.</i> 26, Lee Road, Calcutta.
3-12-24	L	Roerich, GEORGE NICHOLAS, M.A., M.R.A.S., <i>Orientalist.</i> 310, Riverside Drive, New York, U.S.A. ('Urusvati' Naggar, Kulu, Punjab).
2-7-28	L	Roerich, NICHOLAS, <i>Professor, Honorary President, Master Institute of United Arts, New York, U.S.A., Artist-Painter.</i> 310, Riverside Drive, New York, U.S.A.
5-6-33	R	Rossetti, FELIX FRANCIS LEO, B.S.C., B.H., <i>Secretary, Y.M.C.A.</i> 42, Corporation Street, Calcutta.
6-12-26	R	Roy, SIR A. K., KT., <i>Barrister-at-Law, Advocate-General, Bengal.</i> 3, Upper Wood Street, P.O. Theatre Road, Calcutta.

Date of Election		
5-2-40	R	Roy, B. C., B.A., M.D., F.R.C.S. (ENG.), M.R.C.P. (LOND.), F.S.M.F. (BENGAL). 36, Wellington Street, Calcutta.
5-4-37	N	Roy, DAVID, Assam Civil Service. Shillong, Assam.
1-12-30	N	Roy, KUMAR KAMALARANJAN, B.A., Zemindar. Kashmir-bazar Post, Dt. Murshidabad.
6-8-24	N	Roy-Chowdhury, BRAJENDRA KISHORE, Zemindar. (53, Sukea Street, Calcutta.) Gauripur, Mymensingh.
7-5-28	R	*Saha, MEGHNAD, D.SC., F.R.S., F.N.I., F.R.A.S.B., <i>Palit Professor of Physics, Calcutta University.</i> 92, Upper Circular Road, Calcutta.
5-4-37	R	Sahni, M. R., M.A. (CANTAB.), D.SC. (LOND.), D.I.C., <i>Geologist, Geological Survey of India.</i> 27, Chowringhee, Calcutta.
5-2-34	L	Sale, HAROLD MONTAGUE, M.A., F.G.S., Mancetter College, Athershorne, Warwickshire, England.
3-12-24	R	Sarkar, C. K., C.E., <i>Engineer and Architect.</i> 10, Hastings Street, Calcutta.
4-2-35	R	Sarkar, THE HON'BLE MR. NALINI RANJAN. Hindusthan Buildings, Corporation Street, Calcutta.
5-4-37	R	Sattar, THE HON'BLE MR. A. R. H. A., <i>Member, Council of State.</i> 32, Ezra Street, Calcutta.
3-6-40	N	Seal, JOHN ROBERT, M.B.E., c/o. Grand Hotel, Simla, H.O.
6-3-33	R	Seal, SATIS CHANDRA, M.A., B.L., <i>Honorary Secretary, Indian Research Institute.</i> 170, Maniktola Street, Calcutta.
1-4-25	R	Sen, BENOY CHANDRA, M.A. 'Rupeswar', Diamond Harbour Road, Behala.
9-12-36	R	Sen, D. N. 7, Rawdon Street, Calcutta.
1-6-36	N	Sen, J. M., M.ED. (LEEDS), B.SC. (CAL.), T.D. (LOND.), DIP.ED. (OXFORD), F.R.G.S., F.N.I. <i>Principal, Krishnagar College.</i> Krishnagar, Nadia.
5-12-23	L	Sen, LAKSHMAN, H.H. RAJA OF SUKET. Suket State, Punjab.
5-4-37	N	Sen, KSHITISH MOHAN. <i>Principal, Visvabharati, Santiniketan, Dist. Birbhum.</i>
5-2-40	N	Sen, S. C., B.SC. (CAL.), B.A. (CANTAB.), A.M.I.CHEM.E. (LONDON), <i>Supdt., Cinchona Cultivation in Bengal.</i> Mungpoo, Riyand, D.H.Ry.
1-4-29	R	Sen-Gupta, NARES CHANDRA, M.A., D.L., <i>Advocate, High Court.</i> 23A, Manoharpukur Road, Calcutta.
5-7-11	L	*Sewell, ROBERT BERESFORD SEYMOUR, C.I.E., M.A., SC.D. (CANTAB.), M.R.C.S., L.R.C.P., F.Z.S., F.L.S., F.R.S., F.N.I., F.R.A.S.B., LT.-COL., I.M.S., <i>Late Director, Zoological Survey of India.</i> 18, Barrow Road, Cambridge, England.
5-4-37	N	Sharaf-ud-Din, S. M.A., B.L., <i>Professor, Chittagong College.</i> Chittagong.
2-11-25	N	Sharif, MOHAMMAD, D.SC., F.R.M.S., F.L.S., <i>Lecturer in Zoology.</i> Muslim University, Aligarh.
6-5-29	N	Sharma, SRI RAM, M.A., M.R.A.S., M.A.O.S., <i>Professor of History.</i> D.A.V. College, Lahore.
5-8-35	N	Shattock, JOHN SWITHIN HARVEY, B.A. (OXON), I.C.S. Political Department, New Delhi.
2-5-23	F	Shebbeare, E. O., <i>Chief Game Warden.</i> Post Box No. 376, Kuala Lumpur, F.M.S.
6-1-09	N	Shirreff, ALEXANDER GRIERSON, B.A., I.C.S., <i>Commissioner.</i> Gorakhpur, U.P.

Date of Election.		
4-1-26	N	Shortt, H. E. , F.N.I., LT.-COL., I.M.S., <i>Director, King's Institute, Guindy, Madras.</i>
6-2-28	L	Shumser, JUNG BAHADUR RANA , SIR KAISER, K.B.E., SURPRADIPTA MANYAVARA, LIEUT.-GENERAL, <i>Nepalese Army, Kaiser Mahal, Kathmandu, Nepal.</i>
4-11-29	R	Siddiqi, MOHAMMAD ZUBAYR , M.A., PH.D., <i>Sir Asutosh Professor of Islamic Culture, Calcutta University, 6, Suhrawardy Avenue, Calcutta.</i>
4-2-39	N	Simeons, ALBERT THEODORE WILLIAM , M.D. (HEIDELBERG), Physician, Khatau Mansion, Cooperage, Bombay.
5-3-13	L	*Simonsen, JOHN LIONEL , D.SC., F.I.C., F.R.S., F.R.A.S.B., <i>University College of North Wales, Bangor, North Wales.</i>
6-3-39	F	Sinclair, GREGG M. , <i>Director, Oriental Institute, University of Hawaii, Honolulu, Hawaii, U.S.A.</i>
6-2-18	N	Singh, MANYABARA BADA KAJI MARICHI MAN , PANDITJI, C.I.E. 38, Khichapokhari, Kathmandu, Nepal.
4-11-29	A	Singh, JAIPAL , M.A. (<i>Modern Greats</i>), <i>St. John's College, Oxford University, Achimota College, Accra, West Africa.</i>
5-3-34	L	Singh, HIS HIGHNESS THE HON'BLE MAHARAJADHIRAJA SIR KAMESWAR , K.C.I.E. Darbhanga.
2-1-33	N	Singh, RUDRA PERTAB, RAO BAHADUR , <i>Proprietor, Sonbarsa Raj, Sonbarsa P.O., District Bhagalpore.</i>
4-2-35	A	Singh, SARABJIT , M.A., B.L. P.O. Imphal, Manipur State.
5-9-12	R	Singhi, BAHADUR SINGH , (Azimganj, Murshidabad), 48, Gariahat Road, Calcutta.
7-8-33	N	Sinh, RAGHUBIR, RAJKUMAR , M.A., LL.B., <i>Heir-Apparent of Sitamau State, Raghurib Niwas, Sitamau, C.I.</i>
1-8-38	R	Sinha, B. 4, Hastings Park Street, Calcutta.
6-6-27	N	Sinha, SHEONANDAN PRASAD , M.D., <i>Assistant Surgeon, Government Hospital, Jamshedpur.</i>
4-1-26	N	Sinton, J. A. , O.B.E., LT.-COL., I.M.S., V.C., <i>Officer-in-Charge, Malaria Bureau, Central Research Institute, Kasauli.</i>
5-7-16	L	Sircar, GANAPATI, VIDYARATNA , 69, Beliaghata Main Road, Calcutta.
5-3-24	R	Sircar, SIR NIL RATAN , KT., M.A., M.D., <i>Physician, 7, Short Street, Calcutta.</i>
5-8-29	R	Sommerfeld, ALFRED , <i>Merchant, c/o Mousell & Co., Mercantile Buildings, Lall Bazar, Calcutta.</i>
3-9-34	R	Sondhi, VED PALL , M.SC., F.G.S., <i>Assistant Superintendent, Geological Survey of India, 27, Chowringhee, Calcutta.</i>
7-3-23	F	Stamp, L. DUDLEY , B.A., D.SC. <i>University of London, London School of Economics, Houghton Street, London, W.C. 2.</i>
28-9-04	L	*Stapleton, HENRY ERNEST , M.A., B.SC., D.LITT., F.R.A.S.B., <i>Late Director of Public Instruction, Bengal. St. Brelade, Jersey, C.I., England.</i>
5-4-37	R	Sufi, M. E. , B.A., D.P.H., L.R.C.P.E., L.R.C.S.E., L.F.P.S.G., <i>Assistant Director of Public Health, Bengal (retd.), 8/A/1, Elliott Lane, Calcutta.</i>
2-6-20	R	Suhrawardy, SIR HASSAN , O.B.E., LT.-COL., KT., M.D., F.R.C.S.I., D.P.H., <i>Chief Medical Officer, E.B. Ry., Late Vice-Chancellor, Calcutta University, 3, Suhrawardy Avenue, Park Circus, Calcutta.</i>
3-3-20	N	Sundararaj, BUNGURU , M.A., F.N.I., PH.D., <i>Director of Fisheries, Chepauk, Madras.</i>

Date of Election.		
7-11-32	L	Suvarna , SHUMSER JUNG BAHADUR RANA, <i>Major-General in the Nepalese Army</i> . Singha Darbar, Kathmandu, Nepal.
6-4-98	R	Tagore , SIR PRADYOT COOMAR, KT., MAHARAJA BAHADUR. 'Tagore Castle', 12, Prasanna Coomar Tagore Street, Calcutta.
7-11-27	R	Tarkatirtha , BIMALANANDA, <i>Kaviraj, Punditbhusan, Byakarnatirtha</i> . 90/3, Grey Street, Calcutta.
31-8-93	L	Tate , GEORGE PASSMAN. 56, Cantonment, Bareilly, U.P.
1-6-04	L	*Tipper , GEORGE HOWLETT, M.A., F.G.S., M.INST.M.M., F.R.A.S.B. 'The Laurels', Glebe Road, Cambridge, England.
6-6-38	N	Tressler , G. W., M.A., <i>Senior Professor of History and Political Science, Murray College</i> . Sialkot, Punjab.
7-5-28	F	Tucci , GIUSEPPE, PH.D., <i>Late Professor of Religions and Philosophy of India and the Far East, University of Rome; Professor of Chinese, University of Naples</i> . Naples, Italy.
5-7-26	A	Tyson , JOHN DAWSON, C.B.E., M.A. (OXON), I.C.S., J.P. c/o U.S. Club, Calcutta.
4-1-37	R	Vedantatirtha , NARENDRA CHANDRA, M.A. (BAGCHI, BHATTACHARJA, SANKHYATIRTHA, MAMASATIRTHA, TATTVARATNA, SASTRI), <i>Author and Editor of Books</i> . 49, Cornwallis Street, Calcutta.
7-8-33	R	Vedantatirtha , VANAMALI, M.A., <i>Formerly Professor, Cotton College, Gauhati</i> . 8/4-E, Nepal Bhattacharya Lane, Kalighat, Calcutta.
6-3-01	L	*Vogel , JEAN PHILIPPE, LITT.D., F.R.A.S.B. Noordeind-splein. 4a, Lieden, Holland.
27-9-94	L	Vost , WILLIAM, LT.-COL., I.M.S. 'Woodhurst', Manor Way, South Croydon, Surrey, England.
6-5-25	N	*Wadia , D. N., M.A., B.SC., F.R.G.S., F.N.I., F.R.A.S.B., <i>Government Mineralogist</i> . Torrington Square, Colombo, Ceylon.
5-3-28	N	Waight , HARRY GEORGE, B.A. (OXON and LOND.), F.R.G.S., I.C.S., <i>District and Sessions Judge</i> . Burdwan.
6-2-33	N	Wellsted , THOMAS ARTHUR, A.B.S.M., B.SC., ASSOC. INST. M.M., <i>Mining Engineer</i> . Mansar, P.O. Kandri, Ramtek, C.P.
6-2-33	R	West , WILLIAM DIXON, M.A. (CANTAB.), F.N.I., <i>Assistant Superintendent, Geological Survey of India</i> . 27, Chowringhee, Calcutta.
1-11-26	R	Westcott , FOSS, MOST REVEREND, D.D. (CANTAB.), HONORARY D.D. (OXON), <i>Lord Bishop of Calcutta and Metropolitan of India, Burma and Ceylon</i> . Bishop's House, 51, Chowringhee, Calcutta.
19-9-06	L	*Whitehead , RICHARD BERTRAM, F.R.A.S.B., I.C.S. (RETD.). 30, Millington Road, Cambridge, England.
6-5-29	A	Williams , HENRY FRENCH FULFORD, M.A., CLARE COLLEGE (CAMB.), <i>Chaplain of Barrackpore</i> . Barrackpore.
7-9-36	R	Williams , N. T., Orr Dignam & Co. 32, Dalhousie Sqr., Calcutta.
6-2-28	F	Williams , T. TALIESIN, M.A., B.SC. Penrallt Fach, Newport, Pembrokeshire.
1-4-08	R	Wordsworth , WILLIAM CHRISTOPHER, M.A., I.E.S. (RETD.). c/o The 'Statesman', Chowringhee Square, Calcutta.

Date of Election.		
5-2-19	N	*Yazdani, GHULAM, M.A., F.R.A.S.B., <i>Epigraphist to the Government of India for Persian and Arabic Inscriptions, Hyderabad.</i> Archaeological Survey, Hyderabad, Deccan.
2-10-39	N	Zafar Hasan, MAULVI, KHAN BAHADUR, <i>Superintendent, Archaeological Survey.</i> Northern Circle, Agra.

ORDINARY MEMBERS.

(Chronological.)

1884.				1907.			
Nov.	5.	Middlemiss, C. S.		July	3.	Brown, J. C.	
1888.				"	"	Christie, W. A. K.	
June	6.	Pennell, A. P.		1908.			
1890.				Jan.	1.	Brahmachari, Sir U. N.	
Mar.	5.	Ray, Sir Prafulla C.		April	1.	Wordsworth, W. C.	
<hr/>				1909.			
1892.				Jan.	6.	Shirreff, A. G.	25
Jan.	11.	MacLagan Sir Edward D.		April	7.	Bentley, C. A.	
1893.				July	7.	Bazaz, R. K.	
5 Aug.	31.	Tate, G. Passman		Oct.	6.	Brown, P.	
1894.				"	"	Gangoli, O. C.	
Sept.	27.	Vost, W.		1910.			
1895.				May	4.	Dhavle, S. B.	30
Sept.	19.	De, K. C.		"	"	Kemp, S. W.	
1896.				Sept.	7.	Gravely, F. H.	
Jan.	8.	Burn, Sir Richard		<hr/>			
1898.				1911.			
Jan.	5.	Dods, W. K.		Feb.	1.	Insch, J.	
10 April	6.	Tagore, Sir Pradyot C.		"	"	Law, N. N.	
<hr/>				Mar.	1.	Mahtab, Sir Bijay Chand	35
1901.				June	7.	Chatterjee, K. K.	
Mar.	6.	Shirwani, H.		"	"	Hosain, M. H.	
"	"	Vogel, J. P.		July	5.	Sewell, R. B. S.	
June	5.	Mann, H. H.		Nov.	1.	Ahmed, K.	
1902.				<hr/>			
July	2.	Doxey, F.		1912.			
1904.				May	1.	Harley, A. H.	40
15 June	1.	Tipper, G. H.		July	3.	Andrews, E. A.	
Aug.	3.	Fermor, Sir L. L.		Sept.	4.	Ghosh, T.	
"	"	Stapleton, H. E.		"	"	Singhi, B. S.	
1905.				<hr/>			
Aug.	2.	McCay, D.		1913.			
1906.				Mar.	5.	Simonsen, J. L.	45
Jan.	3.	Chapman, J. A.		April	2.	Calder, C. C.	
20 Sept.	19.	Whitehead, R. B.		June	4.	Majumdar, R. C.	
<hr/>				Nov.	5.	Fox, C. S.	
<hr/>				1914.			
				Mar.	4.	Bacot, J.	
				July	1.	Law, S. C.	
				Aug.	5.	Law, B. C.	50

1915.			May	2.	Shebbeare, E. O.	
	April	7.	Ohtani, Count K.	June	6.	Howard, Sir A. 85
	Aug.	4.	Gurner, C. W.	"	"	Hutton, J. H.
	Oct.	27.	Chatterjee, Sir A. C.	Aug.	1.	Biswas, K. P.
			Dec.	5.	Chopra, B. N.	
			"	"	Barwell, N. F.	
			"	"	Sen, H. H. Lakshman	90
<hr/>						
1916.						
	Feb.	2.	Majumdar, N. K.			
55	July	5.	Sarkar, G.			
1917.						
	April	4.	Awati, P. R.	Feb.	6.	Mahindra, K. C.
	"	"	Aiyangar, K. V. R.	Mar.	5.	Banerjee, P. N.
	Aug.	1.	Bhandarkar, D. R.	"	"	Mitter, Sir B. L.
	"	"	"	"	"	Sircar, Sir N. R.
	"	"	"	April	2.	Bahl, K. N. 95
	"	"	"	"	"	Ghose, K.
	"	"	"	"	"	Richards, F. J.
	"	"	"	"	"	Haq, M. M.
	"	"	"	May	7.	Bhattacharya, B.
	"	"	"	July	2.	Ray, A. C. 100
	"	"	"	"	"	Mookerjee, S. P.
	"	"	"	Aug.	6.	Chatterji, S. K.
	"	"	"	"	"	Roy Chowdhury, B. K.
	"	"	"	"	"	Davies, L. M.
	"	"	"	Nov.	5.	Chattopadhyay, K. P. 105
	"	"	"	"	"	Mookerji, B. N.
	"	"	"	Dec.	3.	Newman, Chas. F.
	"	"	"	"	"	Pushong, E. S.
	"	"	"	"	"	Basu, J. N.
	"	"	"	"	"	Ghose, S. C. 110
	"	"	"	"	"	Roerich, G. N.
	"	"	"	"	"	Khan, R. R.
	"	"	"	"	"	Sarkar, C. K.
<hr/>						
1918.						
	Feb.	6.	Banerji, N. N.			
60	"	"	Manen, Johan van			
	"	"	Singh, B. M.			
	April	3.	Prashad, B.			
1919.						
	Feb.	5.	Yazdani, G.			
	Mar.	5.	Gupta, S. P.			
1920.						
	Mar.	3.	Mahalanobis, P. C.	Feb.	4.	Guha, B. S.
65	"	"	Sundara Raj, B.	Mar.	4.	Benthall, Sir E. C. 115
	June	2.	Suhrawardy, Sir H.	"	"	Das, A. N.
	Aug.	4.	Dikshit, K. N.	"	"	Deb, K.
	Sept.	1.	Chakladar, H. C.	April	1.	Perier, F.
70	"	"	Chanda, R. P.	"	"	Hobbs, H.
	"	"	Chatterjee, N. C.	"	"	Sen, B. C. 120
	Dec.	"	Akbar Khan, Sir M.	May	6.	Wadia, D. N.
	"	"	"	July	6.	Bose, M. M.
	"	"	"	Aug.	3.	Pruthi, H. S.
	"	"	"	Nov.	2.	Acharya, P.
	"	"	"	"	"	Chattopādhyāya, K. C. 125
	"	"	"	"	"	Crookshank, H.
	"	"	"	"	"	Kimura, R.
	"	"	"	"	"	Sharif, M.
<hr/>						
1921.						
	Jan.	5.	Ray, J. N.			
	Feb.	2.	Jain, Chhote Lall			
75	"	"	Mukherjee, R. P.			
	"	"	Mookherjee, S. C.			
	Mar.	2.	Agharkar, S. P.			
	Sept.	7.	Ray, H. C.			
	Nov.	2.	Hora, S. L.			
1922.						
	Feb.	1.	Chopra, R. N.			
80	April	5.	Abdul Ali, A. F. M.			
1923.						
	Mar.	7.	Labey, G. T.	1926.		
	"	"	Stamp, L. D.	Jan.	4.	Shortt, H. E.
	"	"	"	"	"	Sinton, J. A. 130

	Feb.	1.	Rao, Y. R.
	"	"	Ghuznavi, Sir A. H.
	"	"	Harris, H. G.
	Mar.	1.	Datta, H. N.
135	"	"	Basu, N. K.
	"	"	Kramrisch, Stella
	"	"	Bagnall, J. F.
	April	5.	Ghose, B. C.
	"	"	Bhatia, M. L.
140	"	"	Mitter, K. N.
	June	6.	Lemmon, R. D.
	July	5.	Mukhopadhyaya, P. K.
	"	"	Tyson, J. D.
	Aug.	2.	Mukherjee, J. N.
145	"	"	Khettry, B.
	Nov.	1.	Jameson, T. B.
	"	"	Modi, J. R. K.
	"	"	Westcott, F.
	"	"	Mills, J. P.
150	"	"	Galstaun, S.
	"	"	Bagchi, P. C.
	Dec.	6.	Aiyangar, S. K.
	"	"	Roy, A. K.

1927.

	Jan.	3.	Chakravarty, N.
155	"	"	Bivar, H. G. S.
	Feb.	7.	Chatterjee, A.
	Mar.	7.	Hopkinson, A. J.
	"	"	Ghosh, P. N.
	"	"	Abdul Kadir, A. M. F.
160	June	6.	Nandi, Maharaja S. C.
	"	"	Jain, B.
	"	"	Sinha, S. P.
	July	4.	Chatterjee, P. P.
	"	"	Chakravarti, C.
165	Nov.	7.	Tarkatirtha, B.
	"	"	Mukherji, D.
	"	"	Brahmachary, S. C.
	Dec.	5.	Namgyal, H.H. Sir Tashi
	"	"	Dechhen, H.H.
	"	"	Kunzang
170	"	"	Chowdhury, Sir C.
	"	"	Mukerjee, S. K.

1928.

	Jan.	2.	Mello, F. de
	Feb.	6.	Ezra, Sir D.
	"	"	Mukerji, Sir M. N.
175	"	"	Williams, T. T.
	"	"	Shumsher, Sir Kaiser
	Mar.	5.	Waight, H. G.
	"	"	Goopu, D. N.

	Mar.	5.	Neogi, P.
	"	"	Biswas, C. C.
	April	2.	Mullick, K. C.
	"	"	Chowdhury, Rai J. N.
	"	"	Harris, L. E.
	May	7.	Chatterji, K. N.
	"	"	Chatterjee, Sir N. R.
	"	"	Tucci, G.
	"	"	Murray, E. F. O.
	"	"	Ghosal, U. N.
	"	"	Saha, M. N.
	June	4.	Bhadra, S. N.
	"	"	Bhattachali, N. K.
	July	2.	Roerich, N.
	Aug.	6.	Jaitly, P. L.
	"	"	Ghuznavi, I. S. K.
	"	"	Heron, A. M.
	Nov.	5.	Reinhart, W.
	"	"	Galstaun, J. C.

1929.

	Jan.	7.	Ghose, M. C.
	Feb.	4.	Narain, Hirde
	"	"	Jenkins, W. A.
	Mar.	4.	De, J. C.
	"	"	Mullick, P. N.
	April	1.	Sen-Gupta, N. C.
	May	6.	Sharma, S. R.
	"	"	Williams, H. F. F.
	Aug.	5.	Sommerfeld, A.
	Nov.	4.	Singh, J.
	"	"	Cotter, G. de P.
	"	"	Campbell, G. R.
	"	"	Siddiqi, M. Z.
	"	"	Mallya, B. G.
	Dec.	2.	Fawcus, L. R.

1930.

	Jan.	6.	Jain, N. K.
	"	"	Halder, S. K.
	"	"	Martin, M. F. C.
	Feb.	3.	Mahtab, U. C.
	"	"	Chakravarti, M. N.
	Mar.	3.	Ashton, H. S.
	May	5.	Deo, Sir P. C. Bhanj
	"	"	Cooper, G. A. P.
	Nov.	3.	Austin, G. J.
	"	"	Rahman, S. K.
	"	"	Newman, C. D.
	Dec.	1.	Roy, K. K.

1931.

	Jan.	5.	Chatterji, D.
	"	"	Evans, P.
	Feb.	2.	Clough, J.
	Mar.	2.	Bose, S. K.
	April	6.	Bhose, J. C.

230	May	4.	Bottomley, J. M.
	June	1.	Lort-Williams, J.

1932.

	Mar.	7.	Hughes, A.
	"	"	Chakraborty, K. B.
	"	"	Darbari, M. D.
235	Nov.	"	Suvarna Shumser
	"	"	Driver, D. C.
	Dec.	5.	Dutt, N.
	"	"	Boyle, C. A.

1933.

	Jan.	2.	George, J.
240	"	"	Dutch, R. A.
	"	"	Singh, R. P.
	Feb.	6.	Wellsted, T. A.
	"	"	Ghatak, J. C.
	"	"	West, W. D.
245	Mar.	6.	Seal, S. C.
	June	5.	Chakravarti, S. K.
	"	"	Rossetti, F. F. L.
	July	3.	Dutt, G. S.
	Aug.	7.	Singh, Raghubir
250	"	"	Vedantatirtha, V.

1934.

	Jan.	1.	Ahmad, M. J.
	Feb.	5.	Bhuyan, S. K.
	"	"	Halder, B. V.
	"	"	Kirby, W.
255	"	"	Law, B. C.
	"	"	Nariman, R. K.
	"	"	Pasricha, C. L.
	"	"	Percival, F. G.
	"	"	Richter, H.
260	"	"	Sale, H. M.
	Mar.	5.	Modi, J. J. J.
	"	"	Singh, H.H. Sir K.
	May	7.	Bent, W. A.
	June	4.	Chatterji, B. R.
265	Aug.	6.	Husain, S. A.
	"	"	Mullick, M. L.
	"	"	Rao, U. S.
	Sep.	3.	Auden, J. B.
	"	"	Sondhi, V. P.
270	Nov.	5.	Gee, E. R.
	"	"	Dey, M.
	Dec.	3.	Burt, B. C.
	"	"	Brahmachari, P. N.
	"	"	Chatterjee, S. C.

1935.

275	Feb.	4.	Singh, S.
	"	"	Sarkar, N. R.

	Feb.	4.	Law, P. C.
	"	"	Lal, R. B.
	Mar.	4.	Groth, E. M.
	Aug.	5.	Shattock, J. S. H.
	Sep.	30.	Dutt, M. N.
	"	"	Mitter, S. K.
	Nov.	4.	Bor, N. L.
	"	"	Chaudhuri, S. N.
	"	"	Anina Klebe.
	"	"	Hirtzel, M. A. F.

1936.

	Jan.	6.	Brocke, A. G.
	"	"	Berkely-Hill, O.
	Feb.	3.	Catto, Lord
	"	"	Ahmad, A.
	Mar.	2.	Chatterji, Mrs. T.
	"	"	Chatterjee, M.
	June	1.	Sen, J. M.
	Sep.	7.	Williams, N. T.
	"	"	Ghosh, J.
	"	"	Ram, D.
	"	"	Mandhata, H. C.
	"	"	Bagchi, K. N.
	Nov.	2.	Bothra, S.
	Dec.	9.	Sen, D. N.
	"	"	Mittra, S. C.
	"	"	Gillespie, A. D.
	"	"	Bose, A. N.
	"	"	Basu, I. B.
	"	"	Banerjee, S. M.

1937.

	Jan.	4.	Vedantatirtha, N. C.
	April	5.	Sufi, M. E.
	"	"	Sharaf-ud-Din, S.
	"	"	Sattar, A. H.
	"	"	Sahni, M. R.
	"	"	Roy, D.
	"	"	Mooney, H. F.
	"	"	Sen, K. M.
	July	5.	Mozumdar, S.
	"	"	Mukherjee, P.
	Sep.	6.	Halim, A.
	"	"	Durniz-Podewils,
	"	"	Count
	"	"	Bhattacharya, N. C.

1938.

	Feb.	7.	Chakravarti, P. K.
	April	4.	Chaudhuri, Mrs. R.
	"	"	Anderson, J.
	May	2.	Farوقي, K. G. M.
	"	"	Mahtab, Maharaj
	"	"	Kumar, A. C.
	"	"	Jacob, J. R.

325	June	6.	Tressler, G. W.
"	"	"	Dudhoria, N. K. S.
"	July	4.	Carstairs, A. M.
"	Aug.	1.	Sinha, B.
"	"	"	Banerjee, J. N.
330	Nov.	1.	Jatia, K. L.
"	"	"	Eekhout, Jhr., P. J.
"	Dec.	5.	Das Gupta, C. C.

1939.

"	Jan.	2.	Bose, S. M.
"	"	"	Ramachandran, T. N.
335	Feb.	6.	Basu, J. N.
"	"	"	Simeons, A. T. W.
"	"	"	Chakravarti, R. M.
"	Mar.	6.	Culshaw, W. J.
"	"	"	Sinclair, G. M.
340	"	"	Mukerjee, S. C.
"	"	"	Meyer, Miss S.
"	May	1.	Parker, E.
"	"	"	Ayrton, S. M.
"	June	5.	Ali, S. S.
345	"	"	Nag, K.
"	July	3.	Majumdar, J. M.
"	Aug.	7.	Bose, G.
"	"	"	Helland, B. A.
"	Sep.	4.	Ghosh, J. C.
350	Oct.	2.	Hasan, Z.
"	"	"	Basu Mazoomder, W.
"	"	"	Rangarajam, K.
"	"	"	Bastin, R. W.
"	Dec.	4.	Ray Chowdhury, H. C.

Dec.	4.	Cameron, A.	355
"	"	Radhakrishnan, S.	"
"	"	Mukerjee, J. C.	"
"	"	Bose, D. M.	"

1940.

Feb.	2.	Sen, S. C.	
"	"	Roy, B. C.	360
"	"	Pask, J. D.	
"	"	Law, A. C.	
"	"	Huda, S. S.	
"	"	Ghatak, I. B.	
"	"	Fleming, A.	365
"	"	Basu, M. M.	
Mar.	4.	Mazumdar, D. L.	
"	"	Harshe, R. G.	
"	"	Haryana, R. A.	
"	"	Crawford, C. E. J.	370
"	"	Bruce, A. E. R.	
"	"	Bell, F. O.	
"	"	Foster, A. R.	
May.	6.	Griffiths, W. G.	
"	"	Bharucha, F. E.	375
"	"	Asadullah, K. M.	
June	3.	Seal, J. R.	
"	"	Poleman, H. I.	
"	"	De, J. C.	
July	1.	Jagannath.	380
"	"	Dutt, S. C.	
"	"	Chatterjee, A. B.	
Sep.	2.	Ghosh, P. K.	
"	"	Chatterji, B. C.	
Dec.	2.	Edgley, N. G. A.	385
"	"	Isch-Wall, C.	
"	"	Jalan, M.	

LIFE MEMBERS.

(Chronological.)

	5-11-84	C. S. Middlemiss (30 N.).	5-7-16	G. Sircar (29 N.).	30
	6-6-88	A. P. Pennell (88 F.).	6-2-18	Johan van Manen (25 R.).	
	11-1-93	Sir Edward D. MacLagan (94 R.).	3-4-18	B. Prashad (29 R.).	
	31-7-93	G. P. Tate (23 N.).	2-11-21	S. L. Hora (30 N.).	
5	27-9-94	W. Vost (94 F.).	6-6-23	Sir A. Howard (30 N.).	
	19-9-95	K. C. De (26 R.).	1-8-23	Kalipada Biswas (36 R.).	35
	6-2-01	J. Ph. Vogel (25 F.).	5-12-23	B. N. Chopra (40 N.).	
	2-7-03	F. Doxey (28 R.).	5-12-23	H. H. Lakshman Sen (24 N.).	
10	1-6-04	G. H. Tipper (27 N.).	7-5-24	B. Bhattacharya (24 N.).	
	3-8-04	Sir Lewis L. Fermor (36 N.).	6-8-24	L. M. Davies (24 N.).	
	28-9-04	H. E. Stapleton (26 R.).	3-12-24	G. Roerich (28 F.).	40
	2-8-05	D. McCay (29 F.).	4-2-25	B. S. Guha (40 N.).	
	3-1-06	J. A. Chapman (28 N.).	6-6-27	B. D. Jain (28 R.).	
	19-7-06	R. B. Whitehead (26 N.).	5-12-27	Sir Chhajuram Chow- dhury (27 R.).	
15	3-7-07	J. Coggin Brown (28 N.).	5-12-27	H. H. Sir Tashi Namgyal (27 N.).	
	3-7-07	W. A. K. Christie (29 N.).	5-12-27	H. H. Kunzang Dechhen (27 N.).	45
	1-1-08	Sir U. N. Brahma- chari (27 R.).	6-2-28	Sir D. Ezra (28 R.).	
	7-4-09	C. A. Bentley (30 N.).	6-2-28	Sir Kaiser Shumsher Jung Bahadur Rana (28 N.).	
20	4-5-10	S. B. Dhavle (10 N.).	2-7-28	N. Roerich (28 F.).	
	4-5-10	S. W. Kemp (29 F.).	5-11-28	W. Reinhart (28 F.).	
	1-2-11	James Insch (28 R.).	4-11-29	G. de P. Cotter (32 N.).	50
	7-6-11	M. Hidayat Hosain (27 N.).	3-3-30	H. S. Ashton (30 N.).	
	5-7-11	R. B. S. Sewell (28 N.).	5-1-31	P. Evans (31 N.).	
	1-11-11	Kamaluddin Ahmad (24 N.).	1-6-31	J. Lort-Williams (40 N.).	
25	5-3-13	J. L. Simonsen (19 N.).	7-11-32	Suvarna Shumser Jung Bahadur Rana (32 N.).	
	5-11-13	C. S. Fox (40 N.).	6-2-33	J. C. Ghatak (33 R.).	55
	4-3-14	J. Bacot (14 F.).	5-2-34	H. M. Sale (34 N.).	
	5-8-14	B. C. Law (33 R.).	5-3-34	H. H. Sir K. Singh (34 N.).	
	7-4-15	Count K. Ohtani (39 F.).			

SPECIAL ANNIVERSARY HONORARY MEMBERS.

Date of Election.	(Science.)
15-1-34	PROF. ALBERT EINSTEIN, c/o Princeton University, New Jersey, U.S.A.
15-1-34	M. A. LACROIX, Secrétaire Perpetuel, Académie des Sciences, Paris.
15-1-34	SIR SYDNEY BURRARD, K.C.S.I., F.R.S., Foxhill, Salisbury Road, Farnborough, Hants, England.
15-1-34	DR. SIR SVEN HEDIN, Stockholm, Sweden.

(Letters.)

15-1-34	SIR JOHN MARSHALL, KT., c/o Messrs. Grindlay & Co., Ltd., 54, Parliament Street, London.
15-1-34	DR. RABINDRA NATH TAGORE, Santiniketan, Bolpur, Birbhum.
15-1-34	PROF. TAHA HOSAIN, Cairo.
15-1-34	PROF. ARTHUR CHRISTENSEN, 62, Raadhusvej, Charlottenlund, Denmark.
15-1-34	DR. J. VAN KAN, President, Royal Society of Arts and Letters, Batavia, Java.
15-1-34	H.R.H. PRINCE DAMRONG RAJANUBHAB OF SIAM, Siam.

ASSOCIATE MEMBERS.

Date of Election.	
1-2-22	*PIERRE JOHANNIS, REV., S.J., B.LITT. (OXON), <i>Professor of Philosophy</i> . St. Xavier's College, 30, Park Street, Calcutta.
1-2-22	*ANANTAKRISHNA SASTRI, MAHAMAHOPADHYAYA, VEDANTA-VISARADA, <i>Lecturer in Sanskrit</i> , Calcutta University. 32, College Square, Calcutta.
2-12-29	† SARAT CHANDRA ROY, RAI BAHADUR, M.A., B.L., <i>Editor</i> , 'Man in India'. Church Road, Ranchi.
1-1-34	L. DUGIN, <i>Consulate-General for France</i> , 15, Stephen Court, 18, Park Street, Calcutta.
6-3-39	REV. WILLIAM PETTIGREW, 54, Grinsdyke Road, Hatch End, Middlesex, England.
4-12-39	MISS MAUDE LINA WEST CLEGHORN, F.L.S., F.E.S. 43, Moulahat Road, Calcutta.
4-3-40	MRS. E. W. E. MACFARLENE, D.SC., c/o Burma Shell, Budge Budge.

* Re-elected for a further period of five years on 5-4-1937 under Rule 2c.

† Re-elected for a further period of five years on 6-3-1939 under Rule 2c.

INSTITUTIONAL MEMBERS.

	Date of Election.	
	28-10-29	Legatum Warnerianum (Oriental Department), University of Leyden, Leyden, Holland.
	2-12-29	Adyar Library, Adyar, Madras S.
	4-5-31	Benares Hindu University Library, Benares.
5	1-6-31	Ohtani University Library, Kyoto, Japan.
	7-12-31	Annamalalai University Library, Annamalainagar, Chidambaram, S. India.
	30-10-33	Allahabad University Library, Allahabad.
	30-4-34	Bombay University Library, Bombay.
	6-1-36	Islamia College, Peshawar.
10	4-5-36	Patna College, Patna.
	7-12-36	Forest Research Institute, Dehra Dun.
	4-1-37	Dacca University, Dacca.
	7-6-37	Agra University. Agra.

ORDINARY FELLOWS.

	Date of Election.	
	2-2-10	Sir Prafulla Chandra Ray, KT., C.I.E., M.A., D.SC., F.N.I.
	7-2-12	C. S. Middlemiss, C.I.E., B.A., F.G.S., F.R.S.
	5-2-13	J. Ph. Vogel, PH.D., LITT.D.
5	5-2-13	S. W. Kemp, B.A., D.SC., F.R.S.
	3-2-15	G. H. Tipper, M.A., F.G.S., M.INST.M.M.
	2-2-16	Sir Richard Burn, KT., C.S.I., I.C.S. (<i>retired</i>).
	2-2-16	Sir L. L. Fermor, KT., O.B.E., A.R.S.M., D.SC., F.G.S., M.INST.M.M., F.R.S., F.N.I.
	7-2-17	F. H. Gravely, D.SC., F.N.I.
	6-2-18	J. L. Simonsen, D.SC., F.I.C., F.R.S.
10	6-2-18	D. McCay, M.D., M.R.C.P., I.M.S.
	5-2-19	J. Coggia Brown, O.B.E., M.I.M.E., F.G.S.
	5-2-19	W. A. K. Christie, B.SC., PH.D., M.INST.M.M.
	5-2-19	D. R. Bhandarkar, M.A., PH.D.
15	5-2-19	R. B. Seymour Sewell, C.I.E., M.A., SC.D., M.R.C.S., L.R.C.P., F.L.S., F.Z.S., F.R.S., F.N.I., I.M.S.
	2-2-21	Sir U. N. Brahmachari, KT., M.A., PH.D., M.D., F.S.M.F., F.N.I.
	1-2-22	Ramaprasad Chanda, B.A.
	4-2-25	M. Hidayat Hosain, PH.D.
	7-2-27	Johan van Manen, C.I.E.
	6-2-28	H. E. Stapleton, M.A., D.LITT., B.SC., I.E.S. (<i>retired</i>).
20	6-2-28	B. Prashad, D.SC., F.Z.S., F.R.S.E., F.N.I.
	6-2-28	C. A. Bentley, C.I.E., M.B., D.P.H., D.T.M. & H.
	4-2-29	Sir Albert Howard, KT., C.I.E., M.A.
	4-2-29	J. H. Hutton, C.I.E., M.A., D.SC., I.C.S.
	4-2-29	Sir Edward D. MacLagan, K.C.S.I., K.C.I.E.
25	3-2-30	G. de P. Cotter, B.A., SC.D., M.INST.M.M., F.G.S.
	3-2-30	S. L. Hora, D.SC., F.Z.S., F.R.S.E., F.N.I.
	3-2-30	J. P. Mills, I.C.S., M.A., J.P., F.N.I.
	3-2-30	Meghnad Saha, D.SC., F.R.S., F.N.I.
	2-2-31	S. Krishnaswami Aiyangar, M.A., PH.D., F.R.HIST.S.
30	2-2-31	R. N. Chopra, C.I.E., M.A., M.D., SC.D., F.N.I., I.M.S.

Date of Election		
2-2-31	R. B. Whitehead, I.C.S. (<i>retired</i>).	
1-2-32	J. Bacot.	
6-2-33	Percy Brown, A.R.C.A.	
6-2-33	Ordhendra Coomar Gangoly, B.A.	35
6-2-33	Ghulam Yazdani, M.A.	
5-2-34	D. N. Wadia, M.A., B.Sc., F.R.G.S., F.N.I.	
3-2-36	Suniti Kumar Chatterji, M.A., D.LITT. (LOND.).	
3-2-36	A. M. Heron, D.Sc. (EDIN.), F.G.S., F.R.G.S., F.R.S.E., F.N.I.	
3-2-36	Habib-ur-Rahman Shirwani.	40
15-2-37	K. N. Bahl, D.Sc., D.PHIL., F.N.I.	
15-2-37	K. N. Dikshit, M.A.	
15-2-37	N. N. Law, M.A., B.L., PH.D.	
15-2-37	J. N. Mukherjee, D.Sc. (LOND.), F.C.S. (LOND.), F.N.I.	
6-2-39	C. S. Fox, D.Sc. (BIRM.), M.I.M.E., F.G.S., F.N.I.	45
6-2-39	B. S. Guha, M.A., PH.D. (HARVARD), F.N.I.	
5-2-40	U. N. Ghoshal, M.A., PH.D.	
5-2-40	B. C. Law, M.A., B.L., PH.D., F.R.HIST.S.	
5-2-40	R. C. Majumdar, M.A., PH.D.	
5-2-40	H. S. Pruthi, M.Sc., PH.D., F.N.I.	

HONORARY FELLOWS.

Date of Election		
5-2-96	CHARLES ROCKWELL LANMAN. 9, Fattar Street, Cambridge, Massachusetts, U.S.A.	
2-3-04	SIR GEORGE ABRAHAM GRIERSON, K.C.I.E., O.M., PH.D., D.LITT., LL.D., F.B.A., I.C.S. (<i>retired</i>). Rathfarnham, Camberley, Surrey, England.	
4-2-20	SIR AUREL STEIN, K.C.I.E., PH.D., D.LITT., D.Sc., D.O.L., F.R.A. c/o Indian Institute, Oxford, England.	
4-2-20	A. FOUCHER, D.LITT. Boulevard Raspail 286, Paris, XVI ^e .	
4-2-20	SIR ARTHUR KEITH, M.D., F.R.C.S., LL.D., F.R.S.A. Royal College of Surgeons of England. Lincoln's Inn Fields, London, W.C. 2.	5
4-2-20	R. D. OLDHAM, F.R.S., F.G.S., F.R.G.S. 1, Broomfield Road, Kew, Surrey, England.	
4-2-20	SIR DAVID PRAIN, KT., C.M.G., C.I.E., M.A., M.B., LL.D., F.R.S.E., F.R.S., F.L.S., F.Z.S., M.R.I.A., LT.-COL., I.M.S., <i>Late Superintendent, Royal Botanic Garden, Calcutta, and Director, Botanical Survey of India, and late Director, Royal Botanic Gardens, Kew.</i> Royal Botanic Gardens, Kew, Surrey, England.	
4-2-20	SIR JOSEPH LARMOR, KT., M.P., M.A., D.Sc., LL.D., D.C.L., F.R.S., F.R.A.S. St. John's College, Cambridge, England.	
4-2-20	SIR JAMES FRAZER, KT., D.C.L., LL.D., LITT.D. Trinity College, Cambridge.	
4-2-20	J. TAKAKUSU. Imperial University of Tokyo, Tokyo, Japan.	10
2-3-21	F. W. THOMAS, C.I.E., M.A., PH.D., <i>Boden Professor of Sanskrit, University of Oxford.</i> 161, Woodstock Road, Oxford, England.	
7-6-22	SIR THOMAS HOLLAND, K.C.S.I., K.C.I.E., D.Sc., F.R.S. <i>Principal, University of Edinburgh, Blackford Brae, Edinburgh.</i>	
7-6-22	SIR LEONARD ROGERS, KT., C.I.E., M.D., B.S., F.R.C.P., F.R.S., I.M.S. 24, Cavendish Square, London, 4.	
7-1-25	STEN KONOW. Ethnographisk Museum, Oslo, Norway.	
7-3-27	RT. HON'BLE THE EARL OF LYTON, P.C., G.C.S.I., G.C.I.E. Knebworth, Herts, England.	15

	Date of Election.	
	5-5-30	DR. R. ROBINSON, D.SC., F.R.S. The Dyson Perrins Laboratory, South Parks Road, Oxford, England.
	7-2-38	RT. HON'BLE SIR JOHN ANDERSON, P.C., G.C.B., G.C.I.E., <i>Lord Privy Seal</i> . 11, Cheapstow Vilas, London, S.W.
	4-9-39	SIR S. RADHAKRISHNAN, KT., M.A., D.LITT., <i>George V Professor of Philosophy, Calcutta University</i> . P378, Southern Avenue, P.O. Kalighat, Calcutta.
	4-9-39	PROF. DR. HEINRICH LUEDERS, Germany.
20	4-9-39	THE MOST HON. THE MARQUESS OF ZETLAND, P.C., G.C.S.I., G.C.I.E., <i>Secretary of State for India</i> . India Office, White Hall, London, S.W. 1.
	4-9-39	SIR JADUNATH SARKAR, KT., C.I.E., M.L.C., M.A., D.LITT. 169, Southern Avenue, Kalighat, Calcutta.

CHANGES IN MEMBERSHIP.

LIST OF MEMBERS WHO HAVE BEEN ABSENT FROM INDIA THREE YEARS AND UPWARDS.*

*Rule 40.—After the lapse of three years from the date of a member leaving India, if no intimation of his wishes shall in the interval have been received by the Society, his name shall be removed from the List of Members.

The following members will be removed from the next Member List of the Society under the operation of the above rule :—

Rai Bahadur S. K. Bhuyan.
P. N. Banerjee.
C. C. Caldar.
H. Crookshank.
A. H. Harley.
L. E. Harris.
Major M. F. C. Martin.
Dr. H. Richter.
Jaipal Singh.
Prof. G. Tucci.
T. Williams.

LOSS OF MEMBERS DURING 1940.

BY RETIREMENT.

Ordinary Members.

1. J. C. Mitra. (1924.)
2. E. H. Rankin. (1936.)
3. E. S. Olpadvala. (1928.)
4. A. L. Coulson. (1933.)
5. A. A. Bake. (1927.)
6. E. C. Flury. (1936.)
7. Hemraj Rajguru. (1919.)
8. J. C. White. (1936.)
9. J. A. Dunn. (1929.)

BY DEATH.

Ordinary Members.

1. Rai Bahadur K. L. Barua. (1931.)
2. S. N. Wolfenden. (1937.)
3. A. C. Vidyabhusana. (1905.)
4. Rai Bahadur C. Misra. (1912.)
5. Sir E. D. Ross. (1901.)
6. J. R. Asari. (1937.)
7. J. W. A. Grieve. (1900.)

Honorary Fellow.

1. Sir Joseph John Thomson. (1915.)

UNDER RULE 38.

1. N. M. Basu. (1928.)
2. P. L. Gangoly. (1936.)
3. D. P. Ghose. (1929.)
4. R. P. Singhanian. (1935.)
5. Kumar S. C. Sinha. (1928.)
6. S. P. Mahajan. (1916.)
7. H. K. Sen. (1924.)

UNDER RULE 40.

1. G. W. Douglas. (1931.)
2. Otto Eberl. (1928.)
3. R. S. Finlow. (1906.)
4. D. E. C. Kenny. (1930.)
5. H. W. Lyne. (1926.)
6. R. L. Vance. (1927.)
7. R. M. Statham. (1928.)
8. G. L. Mallam. (1930.)
9. O. G. Matthias. (1930.)
10. S. O. Chakravarty. (1930.)

MEDALLISTS.

ELLIOTT GOLD MEDAL AND CASH.

RECIPIENTS.

- 1893 Chandra Kanta Basu.
- 1895 Yati Bhusana Bhaduri.
- 1896 Jnan Saran Chakravarti.
- 1897 Sarasi Lal Sarkar.
- 1901 Sarasi Lal Sarkar.
- 1904 { Sarasi Lal Sarkar.
- Surendra Nath Maitra.
- 1907 Aksboy Kumar Mazumdar.
- 1911 { Jitendra Nath Rakshit.
- Jatindra Mohan Datta.
- Rasik Lal Datta.
- 1913 { Saradakanta Ganguly.
- Nagendra Chandra Nag.
- Nilratan Dhar.
- 1918 Bibhutibhushan Dutta.
- 1919 Jnanendra Chandra Ghosh.
- 1922 Abani Bhusan Datta.
- 1923 Bhailal M. Amin.
- 1926 Bidhu Bhusan Ray.
- 1927 Kalipada Biswas.
- 1931 T. C. N. Singh.
- 1932 P. N. Das-Gupta.
- 1933 Nirmal Kumar Sen.
- 1934 D. P. Roy Chowdhury.
- 1935 Kalipada Biswas.
- 1937 Pulin Behari Sarkar.
- 1939 P. K. Chatterjee.

BARCLAY MEMORIAL MEDAL.

RECIPIENTS.

- 1901 E. Ernest Green.
- 1903 Sir Ronald Ross, KT., K.C.B., C.I.E., K.C.M.G., M.R.C.S., F.R.C.S.,
D.P.H., LL.D., D.SC., M.D., F.R.S.
- 1905 D. D. Cunningham, C.I.E., F.R.S.
- 1907 A. W. Alcock, C.I.E., M.B., LL.D., F.R.S.
- 1909 Sir David Prain, KT., C.I.E., C.M.G., M.A., M.B., LL.D., F.R.S.E.,
F.L.S., F.Z.S., M.R.I.A., F.R.S.
- 1911 Carl Diener.
- 1913 William Glen Liston, C.I.E., M.D., D.P.H.
- 1915 J. S. Gamble, C.I.E., M.A., F.R.S.
- 1917 H. H. Godwin-Austen, F.R.S., F.Z.S., F.R.G.S.
- 1919 N. Annandale, C.I.E., D.SC., C.M.Z.S., F.L.S., F.R.S., F.A.S.B.
- 1921 Sir Leonard Rogers, KT., C.I.E., M.D., B.S., F.R.C.P., F.R.C.S.,
F.R.S.
- 1923 Sir Samuel Christophers, KT., C.I.E., O.B.E., F.R.S., F.A.S.B., M.B.,
LT.-COL., I.M.S.

- 1925 J. Stephenson, C.I.E., B.SC., M.B., CH.B., F.R.S., F.R.C.S., F.R.S.E.,
LT.-COL., I.M.S.
1927 S. W. Kemp, B.A., D.SC., F.R.S., F.A.S.B.
1929 Sir Albert Howard, KT., C.I.E., M.A., F.A.S.B.
1931 R. B. Seymour Sewell, C.I.E., M.A., SC.D. (CANTAB.), M.R.C.S.,
L.R.C.P., F.Z.S., F.L.S., F.R.A.S.B., F.R.S., LT.-COL., I.M.S.
1933 R. Row, O.B.E., D.SC.
1935 B. Sahni, M.A., SC.D. (CANTAB.), D.SC., F.G.S., F.R.A.S.B.
1937 R. N. Chopra, C.I.E., M.A., M.D. (CANTAB.), F.R.A.S.B., BT.-COL.,
I.M.S.
1939 Major-General R. McCarrison, KT., C.I.E., M.D., D.SC., F.R.C.P.,
LL.D., K.H.P., I.M.S. (RETD.).

SIR WILLIAM JONES MEMORIAL MEDAL.

RECIPIENTS.

- 1927 Sir Malcolm Watson, KT., LL.D. (HON.), M.D., C.M., D.P.H.
1928 Sir George A. Grierson, K.C.I.E., O.M., PH.D., D.LITT., LL.D., F.B.A.
(HON.), F.R.A.S.B., I.C.S. (*retired*).
1930 Dr. Felix H. D'Herelle.
1932 Dr. C. Snouck Hurgronje.
1934 Rai Sir Upendra Nath Brahmachari, Bahadur, KT., M.A., M.D.,
PH.D., F.S.M.F., F.R.A.S.B.
1937 Prof. Dr. A. J. Wensinck.

ANNANDALE MEMORIAL MEDAL.

RECIPIENTS.

- 1927 Fritz Sarasin.
1930 Dr. Charles Gabriel Seligman, M.D., F.R.C.P., F.R.S.
1933 Dr. Eugène Dubois.
1936 Dr. John Henry Hutton, C.I.E., I.C.S. (*retired*), M.A., D.SC., F.R.A.S.B.
1939 Prof. Frank Weidenreich.

JOY GOBIND LAW MEMORIAL MEDAL.

RECIPIENTS.

- 1929 Max Weber.
1932 Dr. Ernst J. O. Hartert, PH.D.
1935 Prof. Leo Semenowitch Berg.
1938 Dr. Bains Prasad, D.SC., F.Z.S., F.R.S.E., F.R.A.S.B.

PAUL JOHANNES BRÜHL MEMORIAL MEDAL.

RECIPIENTS.

- 1931 Rev. Ethelbert Blatter, S.J.
1934 Isaac Henry Burkill, M.A.
1938 Sir David Prain, KT., F.R.S.

INDIAN SCIENCE CONGRESS MEDAL, CALCUTTA.

RECIPIENTS.

- 1935 Meghnad Saha, D.SC., F.R.S., F.R.A.S.B.
1938 Sir James H. Jeans, D.SC., SC.D., LL.D., F.I.C., F.R.S.

PROCEEDINGS OF THE ORDINARY MONTHLY MEETINGS, 1940

JANUARY

(No Meeting)

FEBRUARY

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 5th February, 1940, immediately after the termination of the Annual Meeting, for the election of Ordinary Members and the transaction of business.

PRESENT

BT.-COL. R. N. CHOPRA, C.I.E., M.A., Sc.D., M.D., F.R.C.S., F.N.I., F.R.A.S.B., I.M.S., Vice-President, in the Chair.

Members :

Biswas, Dr. K. P.
Brahmachari, Sir U. N.
Brown, Mr. Percy
Chakravarti, Prof. C.
Chatterji, Dr. S. K.
Chaudhuri, Dr. Roma
Fox, Dr. G. S.
Ghose, Mr. S. K.
Ghosal, Dr. U. N.
Guha, Dr. B. S.
Haq, Prof. M. M.
Hobbs, Major H.

Kramrisch, Dr. Stella
Law, Dr. S. C.
Meyer, Miss S.
Mukherjee, Dr. J. N.
Parker, Capt. E.
Pasricha, Major C. L.
Prashad, Dr. Baini
Rahman, Prof. S. K.
Ray Chaudhury, Prof. H. C.
Saha, Dr. M. N.
Sarkar, Sir Jadunath
Siddiqi, Dr. M. Z.

The minutes of the last meeting were read and confirmed.

The General Secretary announced that no meeting was held in January, 1940, for want of a quorum.

The General Secretary announced that the presentations of books, etc., received since the previous meeting, would be exhibited at the next Ordinary Monthly Meeting.

The following candidates were ballotted for for election as Ordinary Members :—

(1) Roy, B. C., B.A., M.D., F.R.C.S. (Eng.), M.R.C.P. (Lond.), F.S.M.F. (Bengal), 38, Wellington Street, Calcutta.

Proposer: R. N. Chopra.
Seconder: B. S. Guha.

(2) *Basu, Mriganka Mauli*, Member of the Indian Civil Service, Chinsurah, Dist. Hooghly.

Proposer: J. N. Mukherjee.
 Seconder: Baini Prashad.

(3) *Singh, Ganda*, Professor, Khalsa College, Amritsar.

Proposer: Sri Ram Sharma.
 Seconder: R. Sinh.

(4) *Mukerji, Jogesh Chandra*, Medical Practitioner, 22, Park Street, Calcutta.

Proposer: J. N. Mukherjee.
 Seconder: Baini Prashad.

(5) *Ghatak, Indu Bhushan*, B.A. (Cal.), C.T.E. (Dac.), Med. (Amb.), Dip. Lbr. (B.L.A.), Examiner, Patna University, Lecturer, St. John Ambulance Association, Ex-member, Subordinate Educational Service, C.P., Associate, Red Cross Society, Headmaster, Raj High School, Garh Banaili P.O., (Purnea).

Proposer: B. S. Guha.
 Seconder: Sir David Ezra.

(6) *Huda, Syed Shamsul*, Research Scholar (Anjuman Taraqqee Urdu, Delhi), 3B, Taltolla, Entally, Calcutta.

Proposer: M. Hidayat Hosain.
 Seconder: M. Mahfuz-ul Haq.

(7) *Fleming, Andrew*, Rand Club, Johannesburg.

Proposer: Baini Prashad.
 Seconder: B. S. Guha.

(8) *Sen, S. C.*, B.Sc. (Cal.), B.A. (Cantab.), A.M.I.Chem.E. (Lond.), Supdt., Cinchona Cultivation in Bengal, Mungpoo, Riyand, D.H.Ry.

Proposer: K. Biswas.
 Seconder: J. N. Mukherjee.

(9) *Pask, John David*, B.Sc., Ph.D. (Leeds), Chief Chemist, Howrah Mills Co., Ltd., Ramkristopur, Howrah.

Proposer: J. N. Mukherjee.
 Seconder: Baini Prashad.

(10) *Bhatnagar, Onkar P.*, B.A., Visharad, Ajmer Road, Jaipur.

Proposer: B. S. Guha.
 Seconder: Percy Brown.

(11) *Law, Ananta Churn*, Attorney-at-Law, 23, Badur Bagan Road, Calcutta.

Proposer: S. C. Law.
 Seconder: S. P. Mookerjee.

The General Secretary reported the following loss of membership, since the previous meeting, by death:—

(6) Sir D. Hamilton (An Ordinary Member, 1930).

(1) Rai Bahadur Kanak Lal Barua (An Ordinary Member, 1931).

The General Secretary reported the following loss of membership, since the previous meeting, by resignation:—

- (14) Madan Gopal Daga (An Ordinary Member, 1936).
- (15) L. Brooke Edwards (An Ordinary Member, 1929).
- (1) J. C. Mitra (An Ordinary Member, 1924).

The General Secretary reported that there had been no lapses of election, since the previous meeting, under Rule 9.

The General Secretary reported that there had been no withdrawals of application, since the previous meeting.

In accordance with Rule 38, the General Secretary announced that the names of the following Ordinary Members would be suspended as defaulters within the Society's building for the period of one month to be removed from the Society's registers for non-payment unless the amount due be paid before the next Ordinary Monthly Meeting:—

1.	N. M. Basu	..	..	Rs.117
2.	P. L. Gangoly	..	..	„ 99
3.	D. P. Ghosh	..	..	„ 99
4.	R. P. Singhanian	..	..	„ 108
5.	Kumar S. C. Sinha	..	..	„ 93
6.	S. P. Mahajan	..	..	„ 78
7.	H. K. Sen	..	..	„ 108

In accordance with Rule 2(c), the General Secretary announced that the Council had recommended for election the following lady as an Associate Member for a period of five years:—

Dr. E. W. E. Macfarlane (Mrs.).

The Chairman announced the result of the ballot for the election of the Ordinary Members and declared that all the candidates had been duly elected.

The Chairman announced that no meeting of the Medical Section had yet been arranged to be held during the month.



MARCH

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 4th March, 1940, at 5-30 P.M.

PRESENT

SIR BIJOY CHAND MAHTAB, G.C.I.E., K.C.S.I., I.O.M., MAHARAJADHIRAJA BAHADUR OF BURDWAN, Vice-President, in the Chair up to 6 P.M.

SIR DAVID EZRA, Kt., F.Z.S., M.B.O.U., in the Chair, after 6 P.M.

Members :

Bose, Prof. M. M.	Ghosal, Dr. U. N.
Brown, Mr. Percy	Guha, Dr. B. S.
Chatterjee, Mr. M. M.	Haq, Prof. M. M.
Chattopadhyay, Mr. K. P.	Hobbs, Major H.
Chakravarti, Prof. C.	Hosain, Dr. M. H.
Chopra, Dr. B. N.	Majumdar, Mr. J. M.
Cleghorn, Miss M. L.	Mullick, Mr. M. L.
Dugin, Mr. L. S.	White, Mr. J. C.

Visitors :

Brown, Mrs. Percy	Ghosh, Mrs. Leela
Datta, Mr. J. M.	Ray, Mr. N. N.
Datta, Mr. Narayuna Pada	Roonwal, Mr. M. L.
Ezra, Lady	Sen, Mr. M.

The minutes of the last meeting were read and confirmed.

The General Secretary announced receipt of the following forty-two presentations of books, etc., which had been kept on the table for inspection:—

- (1) From Mr. J. N. Gupta—'Bikrampur Itihasa, Pt. 1'.
- (2) „ Messrs. Percy Lund Humphries & Co.—'Native Races of Asia and Europe'.
- (3-9) From Archaeological Dept., Travancore—'Administration Reports from 1107-1113'.
- (10-13) From Maharajkumar Raghubir Singh—'Indian States and New Regime', 'Sapta Dvip', 'Malwa me Yugantar', 'Sesh Smritiyan'.
- (14) From Abdul Majid—'Tarikh-i-Golkonda'.
- (15) „ Government of Travancore—'Travancore Tribes and Castes, Vol. II'.
- (16) From Kumar S. Deo—'Nandapur, Part I'.
- (17-20) Royal Asiatic Soc. of Bengal—'Manusmriti, Vol. 3', 'Ain-i-Akbari, Eng. trans., Vol. I', 'Haft-Iqlim, Fasc. 3', and 'Tabaqat-i-Akbari, Eng. trans., Vol. 3, Pt. 2'.
- (21-23) From Government of Bengal—'Fauna of British India, Nematoda, Vol. II', 'Coleoptera Staphylinidae, Vol. IV, Pts. I and II'.
- (24) From A. L. Srivastava, Esq.—'Shuja-ud-Dowla, Vol. I'.
- (25) „ H. R. Gupta, Esq.—'History of the Sikhs, 1739-68'.
- (26) „ the Calcutta University—'Alivardi and his Times'.
- (27) „ the National Spiritual Assembly of the Bahai's of India, etc.—'The Bahai World, etc.'.
- (28-29) From Royal Asiatic Society—'Bibliography of Moslem Numismatic', 'Marriage in early Islam'.
- (30) From Sir Aurel Stein—'In Memoriam: Filippo de Filippi'.
- (31-32) From Government of India—'Monuments of Sanchi, Vols. I-III'.
- (33) From K. A. Ramanathan, Esq., and S. M. Mukherjee, Esq.—'A Seismological Study of the Baluchistan (Quetta) Earthquake of 1935'.
- (34) From the Calcutta University—'Studies in the Tantras, Pt. I'.
- (35) „ the Imperial Library—'Catalogue, Part 2'.
- (36) „ Pt. N. C. Vedantatirtha—'Brahman Parichaya'.
- (37) „ Bangiya Shitya Parisad—'Parisat-Parichaya'.
- (38) „ Royal Asiatic Soc. of Bengal—'Descriptive Cat. of Sans. MSS., Vol. 8, Tantra, Pt. 1'.
- (39-40) From the Calcutta University—'Karpuramanjari' and 'Hetutavaupadesa'.
- (41) From Syed Ata Husain, Esq.—'Tarjuma-i-Adabu'l muridin'.
- (42) „ Oxford University Press—'Song of Lovers'.

The following candidates were ballotted for for election as Ordinary Members:—

(12) *Haryana, Ram Adhar*, B.A., Dy. Jailor (U.P. Jails), District Jail, Etah, (U.P.).

Proposer: B. S. Guha.

Seconder: M. Hidayat Hosain.

(13) *Bruce, Alexander Edwin Robert*, B.A., A.C.P., M.R.S.T., M.R.A.S., F.R.G.S., A.R.I.P.H.H., Principal, Rathlin Hall School, Darjeeling.

Proposer: B. S. Guha.

Seconder: M. Hidayat Hosain.

(14) *Mazumdar, Dwijendra Lal*, Indian Civil Service, 11A, Mayfair, Ballygunge, Calcutta.

Proposer: B. S. Guha.

Seconder: M. Hidayat Hosain.

(15) *Harshé, Ramkrishna Ganesh*, B.A. (Tilak), D.Litt. (Paris), Registrar, Deccan College Post-Graduate and Research Institute, Poona.

Proposer: B. S. Guha.

Seconder: M. Hidayat Hosain.

(16) *Bell, Frank Owen*, Indian Civil Service, S.O., Dinajpur.

Proposer: B. S. Guha.

Seconder: M. Hidayat Hosain.

(17) *Crawford, C. E. J.*, B.A., B.Sc., Technical Staff, Imperial Chemical Industries (India) Ltd., 18, Strand Road, Calcutta.

Proposer: B. S. Guha.

Seconder: M. Hidayat Hosain.

The General Secretary announced the following loss of membership, since the previous meeting, by death:—

(2) S. N. Wolfenden (An Ordinary Member, 1937).

The General Secretary announced the following loss of membership, since the previous meeting, by resignation:—

(2) E. H. Rankin (An Ordinary Member, 1936).

The General Secretary reported that there had been no lapses of election, since the previous meeting, under Rule 9.

The General Secretary reported that there had been no withdrawals of application since the previous meeting.

In accordance with Rule 38, the General Secretary announced that the names of the following Ordinary Members whose names had, since the last Monthly Meeting, been suspended as defaulters within the Society's building had now been removed as defaulters from the Society's registers for non-payment of dues:—

1. N. M. Basu.

2. P. L. Gangoly.

3. D. P. Ghosh.

4. R. P. Singhania.

5. Kumar S. C. Sinha.

6. S. P. Mahajan.

7. H. K. Sen.

In accordance with Rules 2 and 3, the Chairman called for ballot for the election of—

Dr. E. W. E. Macfarlane (Mrs.)

who had been proposed for election in the last Ordinary Monthly Meeting as an Associate Member for a period of five years.

In accordance with Rule 4, the General Secretary announced that in conformity with recommendations of the Special Enquiry Committee of 1939 the Council recommends for confirmation the following appointments, made since the last Ordinary Monthly Meeting :—

1. Additional Secretary for Philosophy—Sir S. Radhakrishnan.
2. Additional Secretary for History and Archaeology—Dr. Kalidas Nag.

Order: Confirm.

The General Secretary announced the composition of various Standing Committees of the Society for 1940-41 to be as follows:—

Finance Committee :

President	} <i>Ex-officio.</i>
General Secretary	
Treasurer	
Dr. C. S. Fox.	
Dr. S. C. Law.	
Dr. S. P. Mookerjee.	
Dr. J. N. Mukherjee.	
Major C. L. Pasricha.	

Library Committee :

President	} <i>Ex-officio.</i>	} <i>Secretaries.</i>
General Secretary		
Treasurer		
Philological		
Jt. Philological		
Physical Science		
Biological Science		
Anthropological		
Medical		
Philosophical		
Historical and Archaeological		
Library		

Publication Committee :

President	} <i>Ex-officio.</i>	} <i>Secretaries.</i>
General Secretary		
Treasurer		
Philological		
Jt. Philological		
Physical Science		
Biological		
Anthropological		
Medical		
Philosophical		
Historical and Archaeological		
Library		

Bibliotheca Indica Committee :

President	} <i>Ex-officio.</i>
General Secretary	
Treasurer	

Dr. S. K. Chatterji.
 Mr. M. Mahfuz-ul Haq.
 Dr. B. C. Law.
 Sir S. Radhakrishnan.
 Sir Jadunath Sarkar.
 Dr. M. Z. Siddiqi.

The following exhibit was shown and commented upon:—

1. PERCY BROWN.—*A note on (a) Two old Japanese 'How-to-Draw' books, and (b) An old Japanese book on repeating patterns for textiles such as brocades, etc.*

The two drawing books give illustrations, supplemented by certain written instructions, of the methods to be employed by the student in depicting objects from life, such as birds, fishes, insects, plants and trees, by means of a black outline applied by the brush.

In one book all the artist's materials and the method of using them are shown, as well as a number of technical details relating to the process of workmanship.

The other book, which may be a little older than the former, probably dating from the end of the 18th century, contains a number of diagrams illustrating the artist's theory that most subjects can be drawn by means of a geometrical formula. The manner in which he endeavours to prove this is depicted in a most graphic and convincing manner.

The third book, of a period rather later than the others, is a large collection of designs reproduced in black outline evidently intended for the use of textile workers.

The following communications were made:—

1. EILEEN W. E. MACFARLANE.—*Mother and Child Combinations of Blood Groups and Blood Types in Calcutta.*

Bloods from 252 matching pairs of mothers and babies were grouped: among these 127 were homospecific and 125 were heterospecific. There is no significant difference in frequency of premature births nor in weight at birth between these two groups. Agglutination time of agglutinin B in cord blood is similar to that in adults but for A it is almost twice as long. Only about one-third of the infants have demonstrable agglutinins at birth. Sub-group A₂ is found in between 2% and 3% only of Indians in Calcutta. One hundred matching pairs of mothers and babies were typed for M, MN and N. Among them 56 were homotypic and 44 heterotypic. No exceptions to the expected possible combinations of mother-child blood types or blood groups were found. The proportions

of the blood types were found to be of the same order as reported for Calcutta by previous workers, with somewhat more of MN and less of type M. The Calcutta Muslims examined resemble in their blood group proportions the up-country Khatri and not the rural Bengali Muslims.

2. N. P. DUTTA.—*A note on Solubility and Dissociation Constant of Stearic Acid.*

Widely divergent values are found in the literature for the solubility of stearic acid, for example, the value obtained by Moore¹ is 3.5×10^{-3} N at 37°, by Siedell² is 1.2×10^{-3} N at 25°, and by McBain³ is 4.1×10^{-7} N at 25°. It was therefore thought desirable to determine the solubility of the acid. The method employed is as follows: Large quantities of stearic acid hydrosol and also conductivity water saturated with stearic acid by shaking or by keeping at 60–65° for several hours then cooling to the desired temperature were ultrafiltered through 'Cella' (finest) membranes. The filtrate was evaporated in small instalments from a platinum bowl and weighed after drying in a vacuum desiccator. The values obtained varied from 1.16×10^{-5} N to 1.19×10^{-5} N and the mean of four separate determinations is 1.18×10^{-5} N at $35^\circ \pm 0.5$ C.

Regarding the dissociation constant of stearic acid very little is known. A value of 0.8×10^{-8} has been taken by McBain (*loc. cit.*) for the same. The titration curves of colloidal stearic acid with NaOH resemble in some respects those of a weak acid but also differ as regards others. The Henderson equation cannot be applied to obtain the dissociation constant of the acid from the titration curves. If we take colloidal stearic acid to behave as a weak acid obeying the law of mass action and assume the activity coefficient to be unity at these low concentrations then the following equation should hold: $[H^+][\text{stearate}^-] = k[H-\text{stearate}] = k.Su = S$ where Su is the concentration of the undissociated acid in equilibrium with the solid phase. For the pure sol $[H^+] = [\text{stearate}^-]$ and $[H^+]$ can be obtained from (a) pH of the sol, (b) sp. conductivity of the sol to which $[H^+]$ is related by the equation $(u+v)[H^+] \times 10^3 = \rho$ (sp. cond. in rec. ohms). Further, in the case of the titration of the sol with NaOH the above equation reduces to: $[H^+][\text{stearate}^-] = [H^+]\{[Na^+] + [H^+] - [OH^-]\} = k.Su = S$, since $[\text{stearate}^-] = [Na^+] + [H^+] - [OH^-]$ and therefore $k.Su$ can be evaluated from definite points in the titration curves, $[Na^+]$ being known from the amount of alkali added to the sol and

¹ Moore, Hutchinson and Wilson : Biochem. Jour., 1909, 12, 347.

² Siedell : Bull. No. 67, Hygienic Laboratory, U.S. Public Health Service.

³ McBain : Proc. Roy. Soc., A, Vol. 125, 1929.

[H⁺] and [OH⁻] from the pH of the sol at that point. The results obtained by different methods are given below:

Sol.	$k.Su \times 10^{-12}$					
	(a) pH of sol.	(b) Sp. cond.	(c) Points in the titration curves.			
			$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	Final inflexion.
A	17.30	21.00	19.00	20.20	26.10	25.70
B	19.05	25.90	26.00	24.70	..	..
C	29.89	24.90	..	..	19.60	18.40

It is interesting to note that the values obtained by different methods are of the same order and do not differ much from one another considering the experimental difficulties. Now the values from the pH of the sol are expected to be in larger error. The values obtained from $\frac{1}{4}$, $\frac{3}{4}$ and final neutralization points of NaOH titration curves are liable to some error because the slopes of the curves at these points are considerable. The values obtained from sp. conductivity data and from half neutralization point are less liable to error. The mean of the above values is 21×10^{-12} . Now if we divide the mean value of $k.Su$ by the mean value of solubility of stearic acid the dissociation constant of stearic acid becomes 1.77×10^{-6} .

3. CHINTAHARAN CHAKRAVARTI.—*Study of manuscripts.*

Owing to the lateness of the hour the communication by Prof. Chakravarti was held over until the next meeting.

The Chairman announced the result of the ballot for the election of Ordinary Members and an Associate Member and declared that all the candidates had been duly elected.

The Chairman announced that the following General Lectures, illustrated with lantern slides, would be delivered in the rooms of the Society:—

1. DR. C. S. FOX.—*Progress of Mineral Development in India*, on 18th March, 1940, at 6-30 P.M.
2. BT.-COL. R. N. CHOPRA.—*The Use of Hemp Drugs in India*, on 29th March, 1940, at 6-30 P.M.



APRIL

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 1st April, 1940, at 5-30 P.M.

PRESENT

BAINI PRASHAD, Esq., D.Sc., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B., Hony. Treasurer, in the Chair.

Members :

Chakravarti, Prof. C.	Hobbs, Major H.
Chatterjee, Mr. P. P.	Hora, Dr. S. L.
Cleghorn, Miss M. L. C.	Hosain, Dr. M. H.
Dugin, Mr. L. S.	Macfarlane, Dr. M. H.
Guha, Dr. B. S.	Mukherjee, Mr. S. C.
Haq, Prof. M. M.	and others.

Visitors :

Datta, Mr. J. M.	Enversaid, Mme.
Enversaid, Dr.	

The minutes of the last meeting were read and confirmed.

The General Secretary announced receipt of the following nine presentations of books, etc., which had been placed on the table for inspection :—

(1) From Government of India—‘Specimens of Arabic and Persian Palaeography’.

(2-4) From Madras University—‘Diwan-i-Azfari’, ‘Tuzak-i-walajahi, Pt. 1’, and ‘Diwar-i-Bider’.

(5) From Government of Bengal—‘Press List of Ancient Documents, etc.’.

(6) From Madras University—‘Sources of History of the Nawabs of Carnatic II’.

(7) From Sir Arthur Du Cros—‘Wheels of Fortune’.

(8) „ Archaeological Survey of India—‘Memoirs, No. 59’.

(9) „ Royal Society of London—‘Year Book, 1940’.

The General Secretary announced the receipt of 172 foreign coins presented by the Master of His Majesty’s Mint, Calcutta.

The General Secretary announced that no application for Ordinary Membership had been received since the previous meeting.

The General Secretary announced that there had been no loss of membership, since the previous meeting, by death.

The Chairman called upon Dr. B. S. Guha to read an obituary notice of Rai Bahadur Kanak Lal Barua (see p. 190).

The General Secretary announced that there had been no loss of membership, since the previous meeting, by resignation.

The General Secretary reported that there had been no lapses of election, since the previous meeting, under Rule 9.

The General Secretary reported that there had been no withdrawals of application since the previous meeting.

The following papers were read:—

1. JATINDRA MOHAN DATTA.—*Bagh-Chal at Kamakhya.*

In March 1939 the author visited Kamakhya, 5 miles to the west of Gauhati in Assam. There are two stone-flagged slopes to the Temple on the top of the hills—the eastern one much broader, and the western one steep. Down the western descent there is a stone-wall and a few yards outside this wall, on the stone-flagging he found the diagram of the above game chiselled. Two local Nepali boys were playing the game of Bagh-Chal, with two tigers and twenty pieces for goats. The usual rule of capture by jumping over the piece to the next vacant point in a straight line is followed. Sedentary games were popular in the time of Emperor Akbar.

2. JATINDRA MOHAN DATTA.—*Challis-Ghuttia and its degenerate variants.*

In this paper, the author observed the following game described as Challis-Ghuttia (the game of forty pieces) being played by men in the streets of Calcutta near Ultadanga. They all hailed from Jaunpur in the United Provinces; and they told him that this game is also played in their home district. The description of the game is given. A similar game Rattichitti-Bakri (Red-White Goats) was described by the late Prof. Hem Chandra Das Gupta in 'Sedentary Games prevalent in the Punjab'.

3. DAYA SHANKAR SARBAHI.—*The Alimentary Canal of Labeo rohita (Hamilton).*

The author gives a detailed account of the morphology and histology of the alimentary canal of Rohu, *Labeo rohita* (Hamilton), under the following headings: the mouth, the buccal cavity, the pharynx, the œsophagus, the intestinal bulb, the intestine and the rectum. The glands of the alimentary canal, the liver and the pancreas, are also similarly treated. The morphology and histology of the ductless glands, such as the spleen, the thyroid and the thymus, are given. At the end there is a comprehensive list of literature dealing with the subject.

The following exhibit was shown and commented upon:—

1. B. S. GUHA.—*Three Tibetan Manuscripts.*

(1) This is the biography of the Great Tibetan Yoga Milaspa who was born in 1038 A.D. He was the Guru of the Kargyudpa Sect of Lamaism. He was a black magician and had the power to fly in the air. He had shown many miraculous

powers and works to the people of Upper Tibet. His birth-place was Kyangatsa near Kirong. He practised Yoga meditations amid the snowy fastnesses of the Himalaya mountains near Nepal. He has eight higher disciples. The picture on the first page is the first disciple named Raschungpa. On the second page there are two pictures: one is Shiwa Wod Repa, the other Ngan Dzongrepa. Milaraspa was a practical master of higher Tantras of the Mahayana Buddhism.

There are seven branches of Kargyudpa monasteries in Tibet.

This is a very famous and favourite book of Tibet. It is admired by the literary and learned classes as well as the common people.

This manuscript was written eight hundred years ago. In Tibet all the Lamas of different Sects and all Tibetan scholars hold it in high esteem.

(2) This is a Lamas' religious prayer book. When the Lamas perform this ceremony they must read the book together and at the same time they have to make the mystic signs with their hands and fingers. When making votive offerings or casting spells the mystical language of this book must be used. It was written by Lama Gedungyatso palzangpo in the horse year at the north of Lohita river side.

(3) This is the explanation for the three Great Lamas of the yellow sect Gelugpa: (i) Tsongkhapa who founded the great monastery Garden and his follower (ii) Jamyang gyatso who founded the great monastery hBras Spung, and (iii) Byams chen choje who founded the Sera monastery Tsoungkpa, established big prayer meetings celebrated at Lhasa every year and founded many monasteries in Tibet. In many Buddhist books prophecies about them were written; how they would be an incarnation of Buddha, when and at what places they would be born, and by what names they would be called. All these have been proved true and all the three Great Lamas' life-stories are written in a brief manner by Lama Lab zang ye She at Kah dam pho brang.

The following communication was made:—

1. CHINTAHARAN CHAKRAVARTI.—*Study of manuscripts.*

Many-sided importance of a careful study of old manuscripts. History of the collection, preservation and study of manuscripts in Sanskrit and different vernaculars of India. Reference to the large stocks of manuscripts still lying uncared for and uncatalogued in many parts of the country exposed to the mercy of the white ants and the ravages of the climate not at all favourable for the preservation of manuscripts. Imperative necessity of the preparation and publication of scientific catalogues and systematic and scholarly analysis of the contents of manuscripts which being more fragile than monuments of

stone and other materials are fast disappearing with the vast store of much useful information contained in them. Difficulties in the way—paucity of funds, lack of requisite encouragement and proper appreciation, dearth of persevering and painstaking workers. Hence the defects commonly met with especially in Indian catalogues: superficial descriptions, wrong or incomplete titles, imperfect indication of subject-matters, reproduction in a stereotyped fashion of portions from the beginning and the end, etc. Ideals of a good catalogue: proper indication of the subject-matter, identification of the correct titles, reference to the peculiarities, if any, in the case of works already published or described in manuscript catalogues. Suggestion for the addition of a new wing of the Archæological Department called the Manuscript Department for giving impetus to and directions for a systematic study of manuscripts and for the introduction of a *Manuscriptia Indica* of the type of the *Epigraphia Indica* for the publication of thorough analysis of important manuscripts pointing to their importance and usefulness.

The Chairman announced that the following General Lecture would be delivered on Tuesday, the 2nd April, 1940, at 6-30 P.M. :—

R. KODANDA RAO.—*Eastern and Western Civilization—A Denial of Contrast.*



MAY

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 6th May, 1940, at 5-30 P.M.

PRESENT

PROF. M. MAHFUZ-UL HAQ, M.A., Joint Philological Secretary, in the Chair.

Members :

Anderson, Mr. J.
Ayrton, Mr. S. M.
Chakravarti, Prof. C.
Chatterjee, Mr. P. P.
Cleghorn, Miss M. L.

Guha, Dr. B. S.
Hosain, Dr. M. H.
Majumdar, Mr. J. M.
Pasricha, Major C. L.
Rahman, Prof. S. K.

Visitors :

Cleghorn, Miss O. C.
Datta, Mr. J. M.
Dhar, Mr. G.

Khosla, Mr. R. N.
Roy Chowdhury, Prof. M. L.
Singh, Mr. B. H.
Singh, Mr. B. P.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following fifteen presentations of books, etc., which had been kept on the table for inspection:—

(1) From Syed Mohd. Badruddin Allavi, Esq.—‘Arabian Poetry and Poets’.

(2) From the Punjab Government—‘Sirmur State Gazetteer’.

(3) „ Tata, Iron and Steel Co., Ltd., Bombay—‘Perin Memorial Lectures’.

(4) From Kungl. Biblioteket, Stockholm—‘Accessions Katalog No. 53 of 1938’.

(5-6) From Madras Government—‘Guide to the Archaeological Galleries’ and ‘Illustrations of Indian Sculptures’.

(7-8) From Kungl. Svenska Vetenskapsakademien, Stockholm—‘Johan Carl Wileke, experimental-fysiker’ and ‘Pehr Wilhelm Wangentim’.

(9) From H.E.H. The Nizam’s Government—‘Ajanta, Texts, Pts. I-II and Plates, Pts. I-II’.

(10-11) From Visva-Bharati—‘Monograph of Modern Calligraphy’ and ‘Grammar of the Braj-Bhakha’.

(12-14) From Visva-Bharati—‘Catuhsataka of Arya deva’, ‘Trisva-bhavanirdesa’ and ‘Brahman sutras’.

(15) From Government Oriental MSS. Library, Madras—‘Descriptive Catalogue of Government MSS., Vol. 28 Supplement’.

The following candidates were ballotted for for election as Ordinary Members:—

(20) *Srinivasan, K. R.*, M.A., Curator, State Museum, Pudukkottai, South India.

Proposer: R. C. Majumdar.

Second: B. S. Guha.

(21) *Venkataraman, K. R.*, B.A., L.T., Lecturer, Maharaja’s College—now Editor, State Manual and History, Maharaja’s College, Pudukkottai, South India.

Proposer: R. C. Majumdar.

Second: B. S. Guha.

(22) *Bharucha, Farrokh E.*, Merchant, Canada Building, Hornby Road, Bombay.

Proposer: Baini Prashad.

Second: B. S. Guha.

(23) *Chakrabarti, Bisweswar*, Teacher of History, Dogachi, Dacca.

Proposer: N. K. Bhattachali.

Second: B. S. Guha.

(24) *Griffiths, Walter Geraldson*, B.Sc. (Calif.), B.D. (Drew), M.A. (New York), Ph.D. (Drew), Missionary, 13, Wellington Sqr., Calcutta.

Proposer: B. S. Guha.

Second: Baini Prashad.

(25) *Akbar, Mohammad Gholam*, M.A., Lecturer in Persian, P.G. Dept., Calcutta University, Carmichael Hostel, 51, Baitakkhana Road, Calcutta.

Proposer: M. Z. Siddiqi.

Second: S. K. Rahman.

(26) *Osman, Mohd.*, M.A., Lecturer in Arabic and Persian, Calcutta University, 7, Rajmohan Street, Calcutta.

Proposer: M. Z. Siddiqi.

Seconder: S. K. Rahman.

(27) *Asadullah, Khalifa Mohammad*, Khan Bahadur, General Central Service Class I, Librarian, Imperial Library, 6, Esplanade East, Calcutta.

Proposer: M. Z. Siddiqi.

Seconder: B. S. Guha.

The General Secretary announced the following loss of membership, since the previous meeting, by death:—

1. Prof. Amulya Charan Vidyabhusana (An Ordinary Member, 1905).
2. Rai Bahadur Champa Ram Misra (An Ordinary Member, 1912).
3. Prof. A. J. Wensinck (Recipient of Sir William Jones Medal, 1937).

The General Secretary announced the following loss of membership, since the previous meeting, by resignation:—

1. E. S. Olpadvala (An Ordinary Member, 1928).

The General Secretary announced that there had been no lapses of election, since the previous meeting, under Rule 9.

The General Secretary announced that there had been no withdrawals of application since the previous meeting.

The following paper was read:—

1. D. C. SIRCAR.—*Digvijaya of King Chandra of the Meharauli Pillar Inscription.*

An attempt has been made in this paper to prove that the *digvijaya* of King Chandra referred to in the Meharauli Pillar Inscription was performed by Chandra Gupta Maurya. Descriptions of *digvijayins*.

Conclusion: King Chandra has been identified as Chandragupta II of the Imperial Gupta dynasty.

The following exhibit was shown and commented upon:—

1. CHINTAHARAN CHAKRAVARTI.—*Manuscripts in the Society's Collections of Sanskrit Works of Maharaj Visvanath Simha of Rewa.*

Visvanath Simha (19th Century) is well known as a great patron of learning. But little is known about books written by him. The Society is in possession of manuscripts of three Sanskrit works (all on the cult of Rāma) attributed to him:—

(a) *Rāmacandrāhnikā*—a Kāvya work dealing with the story of Rāma.

(b) *Mantrārthanirṇaya*—a Tantric work which seeks to demonstrate the supremacy of the worship and mantra of Rāma and gives an esoteric meaning of the latter.

(c) Rādhāvallabhiyamataparakāśabhāṣya—a commentary on the *Vedānta-sūtra* that elucidates the views of the Rādhāvallabhiya School.

The following communication was made:—

1. M. HIDAYAT HOSAIN.—*European Physicians and Surgeons in the Moghul Court.*

When European physicians and surgeons visited India during the Moghul Rule, they were consulted in urgent cases and they were often offered State-appointments. The first European physician at the Court of Delhi was a Frenchman, M. Bernard by name. He became a great favourite of the Emperor Jahangir (1605–1627 A.D.) and was appointed to the post of Court Physician and enjoyed the honour of being invited to the Royal Table. Other Court Physicians during the Moghul Rule were:—Manonchi; Francis Bernier; Pitre de Lan; Gabriel Boughton; William Hamilton; and so on.

The Chairman announced the result of the ballot for the election of Ordinary Members and declared that all the candidates had been duly elected.



JUNE

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 3rd June, 1940, at 5-30 P.M.

PRESENT

THE HON'BLE MR. JUSTICE JOHN LORT-WILLIAMS, Kt., K.C., President, in the Chair.

Members:

Anderson, Mr. J.
Bose, Prof. M. M.
Chakravarti, Prof. C.
Chatterji, Prof. B. R.
Chatterji, Dr. S. K.

Dugin, Mr. L. S.
Guha, Dr. B. S.
Haq, Prof. M. M.
Majumdar, Mr. J. M.
Prashad, Dr. B.

The minutes of the last meeting were read and confirmed.

In accordance with Rule 48(d), the General Secretary reported for confirmation by the meeting the following terms adopted by the Council, since the last Ordinary Monthly Meeting:—

- (i) A bonus of Rs.1,000 was paid to the retiring Assistant Secretary Mr. J. R. Seal, in recognition of his valuable services to the Society;

- (ii) Mr. Jatis Chandra De, M.A., B.L. (Cal.), M.A. (Lond.), was appointed as Assistant Secretary to the Society with effect from 1st June, 1940, on probation for one year, on a salary of Rs.200 per month to be confirmed subsequently on a grade of Rs.200—20—500.

Order: Confirm.

The General Secretary announced the receipt of the following eighteen presentations of books, etc., which were placed on the table for inspection:—

- (1) From the Parsee Panchayet—'Yasra'.
- (2) „ the Director of Public Instruction, Poona—'Nirukta of Yaska, Vol. I'.
- (3) From Mr. B. C. Singh—'Karikavali'.
- (4) „ the Parsee Panchayet—'Nondha Ane Nukteyini'.
- (5) „ the Madras University—'Osadhikassam'.
- (6) „ Mr. B. Wilson Haigh—'Coal carbonization, etc.'.
- (7) „ B. and O. Research Society—'Bhagalpur Report'.
- (8) „ Mr. O. C. Gangoly—'Relation between India and Indonesian Culture'.
- (9) From the Travancore University—'Proc. and Transac. of the 9th All-India Oriental Conference', Trivandrum.
- (10-15) From the Parsee Panchayet—'Writings of G. K. Nariman', 'Identification and description of some old sites in Sind', 'Settlements in the lower Indus Basin', 'Rubaiyat-i-Baha Tahir, etc.', 'Religion of the Zarathushtra', and 'Studies in Indo-Muslim History'.
- (16) From Prince of Wales' Museum, Bombay—'Report for 1938-39'.
- (17) „ Mr. M. W. Chipionkar—'Distribution of temperature in the lower stratosphere'.
- (18) From the Director, Calcutta School of Tropical Medicine—'The Library Catalogue, Calcutta Section of Tropical Medicines'.

The following candidates were ballotted for for election as Ordinary Members:—

(28) *Poleman, Horace Irvin*, B.A., M.A., Ph.D., Director of Indic Studies, Library of Congress, Washington, D.C., U.S.A.

Proposer: B. S. Guha.

Seconder: M. Hidayat Hosain.

(29) *Seal, John Robert*, M.B.E., Accountant, Asst. Secretary, R.A.S.B., 1, Park Street, Calcutta.

Proposer: B. S. Guha.

Seconder: M. Hidayat Hosain.

(30) *De, Jatis Chandra*, M.A., B.L. (Cal.), M.A. (Lond.), Colonial Educational Service, 11, Ray Street, Elgin Road P.O., Calcutta.

Proposer: B. S. Guha.

Seconder: M. Hidayat Hosain.

The General Secretary reported that an application for Institutional membership had been received from—

The Nepal Museum, Kathmandu, Nepal
which had been accepted by Council.

The General Secretary announced that there had been no loss of membership, since the previous meeting, by death.

The Chairman called upon Prof. Chintaharan Chakravarti to read an obituary notice on the late Prof. Amulya Charan Vidyabhusana (see page 191).

The Chairman called upon Prof. Chintaharan Chakravarti to read an obituary notice on the late Mr. N. N. Vasu (see page 192).

The General Secretary announced that (a) there had been no loss of membership since the previous meeting by resignation; (b) there had been no lapses of election since the previous meeting under Rule 9; and (c) there had been no withdrawals of application since the previous meeting.

The following papers were read:—

1. JATINDRA MOHAN DATTA.—*Sedentary Games—Proposed Nomenclature of its Points.*

The author finds fault with the usual method adopted in the description of various sedentary games by diagrams with indications on them. He suggests a new method which is fully described.

2. W. J. CULSHAW.—*Some Notes on Bongaism.*

Among the Santals there is no evidence to show that they either now or in the past have held beliefs which would justify us in maintaining that the word 'bonga' can mean an impersonal and all-pervading power. Pantheistic notions among present-day Santals are a late accretion due to Hindu influence, and are in no way reflected in their customary practices and beliefs. It would seem that we must look elsewhere than in their 'Bongaism' for traces of a conception analogous to 'Mana'.

The following communications were made:—

1. M. HIDAYAT HOSAIN.—*A note on the Ruins of Masjidkur and Amadi.*

The material for this note was collected by the author during a short visit paid by him to this part of the province some time ago. It gives an account of twelve Moslem Saints who, 500 years back, lived in Khulna and Jessore, and built beautiful mosques at several places. The chief of this saintly order was Ulugh Khān Jahān; a staunch warrior-saint who flourished during the reign of Naṣir-ud-Dīn Mahmūd Shāh, an independent king of Bengal (1442–1459 A.D.). The famous mosque of Sāthgumbaz at Bagerhat had been built by him. According to the epitaph on his tomb, he died at Bagerhat on the 26th Dhī'l Hījja, 863 A.H., the 23rd October, 1459 A.D.

2. JATIS CHANDRA DE.—*Pearls and the East India Company (1600 to 1661).*

Ever since the date of 'Grevil's' report—a document connected with the genesis of the Company—the East India Traders had become interested in pearls. Later on, it was felt that without the bestowal of presents it was impossible to develop commercial relationship with the East. 'Presents must be given, else there would be noe livinge among these people,' because if the men in power 'were pleased, the crie of a million of subjects would not be heard'. Therefore among various presents of the period which included 'spitting potts', 'lusty mastives' and 'young lions from Turkey' good pearls came to occupy a prominent place. Pearls were of various kinds ranging from the 'seed' ones to those which were of extraordinary size. 'Pearles (were) esteemed rather by their greatness than their bewty.' Pearls were however not only important as presents, but were also considered to be profitable merchandise. Bickley's fleet brought a pearl which was sold for 5,000 rupees, the transaction apparently resulting in a profit of 33% on the original outlay. 'Those not overbought (would) yeald proffitt and readye monye to the valew of 10,000*l.*.. Sterling for one yeare, provided they (were) perfect and orientall.'

Again their utility as securities to borrow money on is also emphasized by the documents, though sometimes the Company was cheated in 'pawnes of pearles'. They came from Indo-Ceylonese and Persian waters as well from elsewhere, and were obtained chiefly by purchase, privateering and smuggling.

The Chairman announced the result of the ballot for election of the Ordinary Members and declared that all the candidates had been duly elected.



JULY

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 1st July, 1940, at 5-30 P.M.

PRESENT

MAJOR HENRY HOBBS, V.D., Ordinary Member, in the Chair.

Members :

Anderson, Mr. J.
Bose, Prof. M. M.
Cleghorn, Miss M. L.
De, Mr. J. C.

Ghatak, Prof. J. C.
Griffiths, Dr. W. G.
Guha, Dr. B. S.
Rahman, Prof. S. K.

Visitors :

Bose, Mr. Sudhir Kumar.

Guha, Mrs. Uma.

Majumdar, Mr. D. N.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following eighteen presentations of books, etc., which had been placed on the table for inspection:—

(1) From the Consul-General for France—‘Documents Diplomatiques Francais, Ser. 1, Tom 9’.

(2-9) From Archaeological Survey, Frontier Circle, Lahore—‘Annual Progress Reports for years 1905 to 1910, 1913 and 1920’.

(10-11) From Prof. N. Roerich—‘Reprints of articles contributed by Roerich to several periodicals’, ‘Nicholas Roerich’.

(12) From Mysore Geological Department—‘Archaeon Complex of Mysore’.

(13) From Dr. B. R. Chatterji—‘Recent advances in Kambuja Studies’.

(14-17) From Government of India—‘Proc. Indian Historical Records Commission, Vols. 4, 5, 6’ and ‘Vol. 16’.

(18) From Pandit Bisweswarnath Rau—‘Marwar ka Itihas, Vol. I’.

The following candidates were ballotted for for election as Ordinary Members:—

(31) *Sri Jagannath*, Officer, Indian State Rlys., Suite No. 12A, 53, Chowringhee Road, Calcutta.

Proposer : J. C. De.

Secunder : B. S. Guha.

(32) *Dutt, Sudhir Chunder*, Capt., M.B., A.I.R.O., Ophthalmic Surgeon, Mayo Hospital, 214, Lower Circular Road, Calcutta.

Proposer : J. C. De.

Secunder : B. S. Guha.

(33) *Chatterjee, A. B.*, M.A., General Manager, Metropolitan Printing & Publishing House Ltd., 4-B, Council House Street, Calcutta.

Proposer : J. C. De.

Secunder : M. Hidayat Hosain.

(34) *Ghosh, Ratneswar*, Merchant and Manufacturer, 12/2, Circular Garden Reach Road, Kidderpore, Calcutta.

Proposer : J. C. De.

Secunder : B. S. Guha.

(35) *Ray, Sukumar*, Professor of History, H. G. College, Munshiganj, Dacca.

Proposer : J. C. De.

Secunder : M. Hidayat Hosain.

The General Secretary announced that (a) there had been no loss of membership since the previous meeting either by death or by resignation; (b) there had been no lapses of election

since the previous meeting under Rule 9; and (c) there had been no withdrawals of application since the previous meeting.

In accordance with Rule 48(a), the General Secretary announced that the Council, since the last Ordinary Meeting, had passed the following emendation of certain Regulations regarding the Election of Fellows:—

The following Regulations, after amendment, would read as:—

1. The General Secretary of the Royal Asiatic Society of Bengal for the time being shall be ex-officio Secretary and Convener to the body of Fellows and serve as the channel of communication between that body and the Council of the Society. In his capacity as General Secretary he shall attend, and act as Secretary to, the meetings of Fellows prescribed in the Regulations, but shall not participate in discussions or vote unless he be a Fellow.

At any meeting of the Fellows the Senior Fellow present shall take the Chair.

2. There shall be a meeting of Fellows in June, before the issue of blank nomination papers, one week's notice of which shall be given to the Resident Fellows. At this meeting such recommendations or matters of concern to the Fellows, of which previous notice has been received by the General Secretary, shall generally be considered.

6. Each candidate shall be nominated by at least two Fellows, one at least of whom shall certify that he is personally acquainted with the scientific or literary work, as the case may be, of the candidate he proposes and is in a position from his personal knowledge to express an opinion on its value, and shall set out in detail the qualifications of the candidate, including detailed references to his most important published original papers, stating date and place of publications, and in case of publication in a serial, the name and the volume number of the latter.

The tenure of any Office on the Council of the Society shall not be considered a qualification.

Each candidate shall also be supported by at least two other Fellows.

8. There shall be a meeting of Fellows within the fortnight preceding the 7th of October, one week's notice of which shall be given to the Resident Fellows. At this meeting matters of concern to the Fellows of which previous notice has been received by the General Secretary, shall generally be considered and the nomination papers so returned shall be scrutinized, and the General Secretary shall be requested to issue the voting papers as provided in Regulation 10.

10. A list of the persons duly nominated, and supported, with their qualifications, shall be compiled from the nomination papers by the General Secretary, printed as a voting paper, and sent out to each Fellow not later than the 1st of November. The number of vacancies shall be stated on the voting paper.

13. There shall be a meeting of Fellows in the second week in January, one week's notice of which shall be given to the Resident Fellows. At this meeting the sealed envelopes mentioned in Regulation 12 shall be opened, and the voting papers counted as the Chairman directs, and the names of such candidates as receive at least three-fourths of the votes of the Fellows voting shall be placed before the meeting. The meeting shall also be competent generally to consider matters of concern to the Fellows of which previous notice had been given.

14. In the event of a tie for any of the vacancies, the Fellows present at the meeting shall decide by ballot which of the candidates receiving the same number of votes shall be selected for recommendation to the Council for election.

The following papers were read:—

1. D. N. MAJUMDAR.—*Some Aspects of the Cultural Life of the Khasas of cis-Himalayan Region.*

The Khasas of Jaunsar Bawar are a polyandrous people. Jaunsar Bawar is included in the Chakrata sub-division of the Dehra Dun district in the United Provinces. To the north and east of Jaunsar Bawar lie the state of Tehri, to the east Jubal and Sirmur states, and to the south the Dun valley. The whole of this area is rugged and full of precipitous mountains with little level ground. There is ample evidence of the physical similarity of the Khasas with the Kasmiris, and the Khasa family law resembles the Punjab customary law particularly that of the Kangra hills. The Khasas have occupied these hills perhaps long before the Christian era and references to them are found in the Br̥hat Saṁhitā, the Viṣṇu and Vāyu Purāṇas, Hari Var̥ṇsa and the Mahābhārata. They represent most probably the easternmost outpost of Indo-Aryan penetration in the cis-Himalayan region. The social organization in Jaunsar Bawar is characterized by a dual organization of economic classes, viz. the zemindars and the artisans. The latter are mostly recruited from the aboriginal substratum perhaps of 'Austic' speaking stock. At the lowest scale of the economic ladder lies the domestic drudge, called Kolta, who is the hereditary hewer of wood and drawer of water. Then come the other artisan classes, such as bajgirs (musicians), oads (carpenters), lohārs, chamārs, barbers and others. The Rajputs and Brahmins form as it were, a top dressing on the aboriginal base. Religious life of the Khasas is a curious blend of Hindu and tribal beliefs and practices and though they own allegiance to Hindu divinities their partiality to ancestral spirits, queer and fantastic demons and gods, stones, weapons and various symbols, is rather phenomenal. The Khasas are a patriarchal people living in a joint family under the authority of the eldest brother. The polyandry of the Khasas is also of the fraternal type as several brothers share one wife with a conventional code of rights and obligations. Physiological fatherhood may not be recognized by the Khasas but they appear to have developed a functional fatherhood in which the kinship term for father is qualified by the rôle or function of the group of fathers in domestic economy. There is a disparity in the distribution of the sexes and the fertility of women has considerably fallen in recent years; the proportion of the male children is greatly in excess of females and the attitude of the Khasas towards this problem has been carefully analyzed. The functional analysis of the group morals and customs connected with polyandry leads to the irresistible conclusion that the cis-Himalayan region is characterized by an impact of two distinct matrices, one matriarchal represented by the Domas or the aboriginal substratum and the other patri-

archal represented by the Khasas. It is true that the peculiar economic conditions of the hill people and the biological factor of sex disparity where it exists, have no doubt largely determined the form and functions of the traits-complex, but had it not been for the matriarchal matrix, the polyandry of the Himalayan region would not have assumed the importance it possesses.

2. J. C. DE.—*The Indian Theatre of Anglo-Dutch Competition (1600–1652).*

India was only one of the many regions in which Anglo-Dutch rivalry became manifest. At Surat efforts of the Dutch to establish a factory were stoutly opposed, and Roe referred to their 'insufferable insolencies'. Communications of other Englishmen also throw light on this point. Then came the Amboyna tragedy and English factors in India became deeply agitated. No energetic retaliatory measures were, however, adopted and on one occasion the then king of England released three Dutch vessels which he had impulsively seized (probably) on payment of £30,000. The Portuguese menace, however, in spite of all heartburnings drew the two European nations together, and Anglo-Dutch navies fought the common foe on several occasions. No permanent co-ordination of interests, however, followed, and over a scheme of fortifying Bombay, for example, the allies fell out. English trade at Masulipatam 'lieth there also on bleeding'. Spices and specie of which they had abundant supplies enabled the Dutch to take the lead. But the Dutch progress terrified the Portuguese who were gradually thrown into the arms of the English. The Dutch, however, went on pursuing their policy of commercial monopoly vigorously, and not even the Royal Flag of England could protect a vessel against Dutch privateering. To all the various causes of conflict in the East were added those in the West and war was formally declared in 1652.

3. NANIMADHAB CHAUDHURI.—*'Cult of the Old Lady'.*

An investigation into folk cults prevalent in Bengal and for the matter of that in different parts of India reveals how the Hindu and the tribal religions have behaved towards each other. It has been a policy of give and take. Hindu deities have been *tribalized* and there are many instances of orthodox members of the Hindu pantheon losing their position and even caste gradually as their worship spread among the tribes; while many tribal deities have been Hinduized and sometimes *Brahminized* and accepted as forms of some or other of the great deities. The paper deals with the cult of such a tribal deity prevailing in parts of North Bengal. This cult of the *Burī* or the Old Lady combines with the worship proper a *Jāt* or festival which contains two important features, namely, dancing with dressed up

bamboo poles, and dancing with lighted torches tied to the ends of iron rods passed through the tongues, arms, palms, etc., of the votaries. An analysis of the cult shows how a tribal clan deity who continues to be offered worship in the original form has come to be Brahminized as *Vṛddhēśvarī*, affiliated to the Devī and worshipped in the Brahminical form and to incorporate into it in course of time rites borrowed from the old Chaitra festivals and important elements of an old fertility cult.

4. A. AIYAPPAN.—*Śiva-Seal of Mohenjo-Daro.*

The figure in yogic pose on a low stool, with its arms outstretched and hands placed on the knees and with the head adorned by a pair of horns, which is found engraved on several seals excavated from Mohenjo-Daro, has been tentatively identified by Sir John Marshall with that of Śiva-Paśupati, taking into consideration the attributes of Śiva, such as, the trident-like head-dress, the yogic pose, the erect *membrum virile* and the numerous animals associated with him. Dr. Saletore has objected to this identification on the grounds that: (1) the Śiva-linga cult is of post-Mahābhārata date, (2) the Mohenjo-Daro figure is two-eyed or possibly three-eyed, while Śiva is three-eyed, (3) Śiva's trident is in his hands and not on the head, and (4) the horns of the trident-like head-dress are not the speciality of a pre-Aryan deity, because the Vedic God, Agni, also has horns. He has therefore identified it with Agni.

In this article, the author has made an attempt to prove that the figure on the seals is 'nearer Śiva than Agni or even Rudra'. His view is supported by a study of Proto-neolithic cultures and by ethnological, archaeological and sculptural evidences.

The Chairman announced the result of the ballot for the election of the Ordinary Members and declared that all the candidates had been duly elected.



AUGUST

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 5th August, 1940, at 5-30 P.M.

PRESENT

DR. S. K. CHATTERJI, M.A., D.Lit., F.R.A.S.B., Philological Secretary, in the Chair.

Members :

Anderson, Mr. J.
 Bagechi, Mr. K. N.
 Biswas, Dr. K.
 Chakravarti, Prof. C.
 Cleghorn, Miss M. L. C.
 De, Mr. J. C.
 Ghatak, Prof. J. C.
 Ghoshal, Dr. U. N.
 Ghuznavi, Mr. I. S. K.

Griffiths, Dr. W. G.
 Guha, Dr. B. S.
 Haq, Prof. M. M.
 Hobbs, Major H.
 Hosain, Dr. M. H.
 Majumdar, Mr. J.
 Prashad, Dr. Baini
 Rahman, Prof. S. K.
 Rossetti, Mr. F. F.

Visitors :

Ahmed, Mr. S.

Judd, Rev. H. P.

The minutes of the last meeting were read and confirmed.

The General Secretary announced receipt of the following twelve presentations of books, etc., which had been placed on the table for inspection:—

- (1) From the Trustees of the Gibb Memorial—'New Series publication No. XIV'.
- (2-3) From Mr. F. Wolf—'Glossar zu Firdosis Shahnama' and 'Supplement to the Glossar zu firdosis Shahnama'.
- (4) From Dept. of History and Antiquarian, Assam—'Account of Assam'.
- (5) From University of Pennsylvania—'Sanskrit Indeclinables, etc.'.
- (6) „ Govt. Oriental Library, Mysore—'Advaita siddhi, etc., Vol. 3'.
- (7) From University of Madras—'Slokavartika-Vyakhya-Tatparya'.
- (8-12) From Madras Government—'Descriptive Catalogue of Kanarese MSS.', 'Descriptive Catal. of Tamil MSS.', Vol. 5', 'Descriptive Catal. of Telegu MSS., Vol. 7', 'Triennial Catal. of MSS., Vol. II', and 'Descriptive Catal. of Kanada MSS.'.

The following candidates were ballotted for for election as Ordinary Members:—

(36) *Husain, Dr. Mahdi*, Lecturer in History and Politics, Agra College, Agra.

Proposer: J. C. De.

Seconder: M. Hidayat Hosain.

(37) *Kanungo, Nityanand*, Ex-Minister, Orissa, Bakrabad, Cuttack.

Proposer: J. C. De.

Seconder: B. S. Guha.

(38) *Chatterjee Sastri, Kshitish Chandra*, M.A., Lecturer, Calcutta University; 81, Shambazar Street, Calcutta.

Proposer: J. C. De.

Seconder: B. S. Guha.

The General Secretary announced the following loss of membership since the previous meeting by resignation:—

- (4) A. L. Coulson (An Ordinary Member, 1933).
- (5) A. A. Bake (An Ordinary Member, 1927).

The General Secretary announced the following lapses of election since the previous meeting under Rule 9:—

- (1) Jogesh Ch. Mukerji (Elected on 5-2-40).
- (2) Syamakanta Dutt (Elected on 4-3-40).

The General Secretary announced that there had been no withdrawals of application since the previous meeting.

The following papers were read:—

1. R. RAKSHPAL.—*Post-Embryonic Development of the Respiratory System of Dialeurodes eugeniae Maskell (Homoptera, Aleurodidae) together with preliminary Observations regarding the Mechanism of Respiration in the different Instars.*

Introduction. Development of the respiratory system of *Dialeurodes eugeniae* Maskell:—Spiracles; the tracheae and tracheoles; general conclusions regarding the tracheal system; development of the breathing-folds; functions of the breathing-folds; mechanism of respiration. Development of the respiratory system of *Aleurodes* sp. Material and technique. Acknowledgements. References.

2. N. K. BHATTASALI.—*An Inquiry into the Origin of the City of Dacca.*

This paper reveals the strange fact that the city of Dacca had no ceremonial foundation but grew up of itself. 'No one came here with the intention of founding a city and none set about busily to do so. This sounds somewhat mystifying'. The author attempts 'to clear up the mystery'.

3. E. O. MURRAY.—*Ancient Workers of Western Dhalbhum.*

In this paper the author, Mr. E. O. Murray, a Mining Engineer, gives an interesting account of the Copper Mine working of the ancient people of the western Dhalbhum perganah, in the district of Singhbhum, in Bihar. Remains of the ancient copper workers are numerous in the shape of countless working dumps and slag heaps testifying to their industry. Slag heaps and the remains of old clay furnaces lie all around and testify to a considerable output of copper at these points. The process of smelting was more or less the same as at present day, air being supplied by foot-worked leather bellows to clay furnaces about three feet high.

Plenty of Palaeolithic and Neolithic implements in the shape of bouchers, celts, flat stone axes, ringed hammer-stones, cores and flakes have been found round about the places of Banabassa, Bonidi and Kundrukocha. Monolithic monuments and burial urns of clay and in some cases with bones and skulls have also been found from some of the places.

Amongst the other interesting finds the following have been found:—

- (1) Broken pieces of pottery of cylindrical shape.
- (2) A considerable quantity of beads of devitrified glass of various shapes and sizes, of polished stone, of blue, green and yellow glass, of agate, jasper, topaz and carnelian resembling curiously enough to Mohenjo-Daro and Harappa and to some of the common forms of Neolithic beads in both Europe and Asia found from an area which extended to more than 3 miles.
- (3) Terra-cotta beads of brick-red colour of various shapes and sizes. All the beads either of stone, glass and terra-cotta have holes which have been drilled for threading.
- (4) One bead of white glass overlaid with beaten gold stuck to it by lac.
- (5) Some shrine-like structures with panel decorations and carvings in the interior of the buildings.
- (6) Some punch-marked coins bearing resemblance to those of the Kushan period.

The following communications were made:—

1. M. HIDAYAT HOSAIN.—*A note on a very rare and richly ornamented Manuscript called CHINGIZ NAMA.*

After the description of the MS. which contains altogether 112 paintings of delicate and highly finished style, Dr. Hosain described some of the most interesting photos which have been taken from the original MSS. preserved in the Bankipore Library. Among these photos there is one which shows the birth of the Emperor Akbar in the castle of Amarkot—the mother (Hamida Banu Begam) dressed in green robe is lying exhausted on a couch and the baby Akbar is seen in the arms of a nurse with a high Tartar cap. There is a general rejoicing in the harem and the women are seen in exultation over the birth. In the lower part of the illustration there is a picture of Tardi Beg Khan bringing the news to Emperor Humayun who was encamped about 15 kos from Amarkot. It is a very striking picture of the birth of Akbar.

2. BAINI PRASHAD.—*Buildings of Humayun.*

It was resolved on a motion from the Chair that both the communications be published *in extenso* in the Journal.

The Chairman announced the result of the ballot for the election of the Ordinary Members and declared that all the candidates had been duly elected.



NOVEMBER

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 4th November, 1940, at 5-30 P.M.

PRESENT

DR. MEGHNAD SAHA, D.Sc., F.R.S., F.N.I., F.R.A.S.B.,
Natural History (Physical Science) Secretary, in the Chair.

Members :

Anderson, Mr. J.
Bose, Mr. M. M.
Brown, Mr. Percy
Bruce, Mr. A. E. R.
Cleghorn, Miss M. L. C.

De, Mr. J. C.
Ghose, Mr. P. K.
Hobbs, Major H.
Hora, Dr. S. L.
Prashad, Dr. Bani

Visitors :

Cleghorn, Miss O.

Ewing, Mr. G.
Isch-Wall, Mr. C.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following seventy-two presentations of books, etc., which had been placed on the table for inspection:—

(1-2) From Dr. B. C. Law—'Buddhist Conception of Spirits', and 'Mahavira, His Life and Teachings'.

(3) From Govt. of Bengal—'Diptera, Vol. VI'.

(4) „ Dr. B. C. Law—'D. R. Bhandarkar Volume'.

(5) „ University of Southern California—'Morphology of the Tibetan Language'.

(6) From University Press, Bombay—'Shah Abdul Latif of Blit'.

(7-27) From Chhotelal Jain, Esq.—'Times' History of the War in 21 Vols.'

(28-33) From Dr. B. C. Law—'Minor Anthologus of Pali Canon', 'Ancient Indian Tribes, Vol. 2', 'Geographical Essays, Vol. 1', 'Historical Gleanings', 'Some Kshatriya Tribes of Ancient India', 'Life and Work of Buddhaghosa'.

(34-38) From Vijaya Dharma Suri—'What the Historians say about the Saraks', 'Discourses', 'Heritage of the last Ariat', 'Kaleidoscope of Indian Wisdom', 'Interpretation of Jain Ethics'.

(39) From Sir J. G. Frazer—'Lectures on the Early History of Kingship'.

(40) From Indian Science Congress Association—'Proceedings, 26th Session', Lahore.

(41) From Calcutta University—'Some Makers of English Law'.

(42) „ Seth Jugal Kishore Birla—'Hindu America'.

(43-44) From Govt. of India—'Hakluyt Society, 2nd series, lxxxiii, Vols. 1 and 2'.

(45-46) From Royal Asiatic Society of Bengal—'Doctrine of Nimbarka', Vol. 1 and 'Dictionary of the Lushai Language'.

(47) From Elizabeth Sharpe—'Thakore Sahib Shri Sir Daulat Singh of Limbdi'.

(48) From the Archaeological Survey of India—'Catalogue of pre-historic Antiquities in the Indian Museum'.

(49) From P. Baldaeus—'A true and exact description of the most celebrated East India coasts of Malabar and Coromandel'.

(50) From Archaeological Survey of India—'Bombay-Karnatak Inscription'.

(51-52) From the Trustees, British Museum—'Fossil Orthoptera, etc.'

(53) From Govt. Central Press, Bombay—'Selections from C. W. Malet's Letter-Book, 1780-84'.

(54) From Madras Government—'A triennial Catalogue MSS. of Govt. Oriental MSS. Library, Vol. 7, part 2'.

(55) From Dr. B. C. Law—'Gautam Buddha'.

(56) .. Bhandarkar Oriental Research Institute—'Mahabharata fasc. 10'.

(57-58) From Dr. B. C. Law—'Buddha Ramani', 'Lichhabati Jati'.

(59) From Madras Govt.—'Author Index of Sanskrit MSS. in Govt. Oriental MSS. Library'.

(60-72) From Vijaya Dharma Suri—'Subhasita Padma ratnakara, vols. 2-5', 'Arbud Prachin Jaina Lekhamandoha', 'Jaina Sapta-padarthi', 'Balabodhini-parikamita', 'Himensu Vijaya-Jina-Lekha', 'Suriswar Aney Samrat', 'Prachin Bharatavarsa Num Sihhablochana', 'Sanskrit-Prachin-staban-Sandohae, Hemchandra vacananuba' and 'Abu'.

The following candidates were elected Ordinary Members by the Council, during the recess months, under Rule 7:—

(39) *Ghosh, Prashana Kumar*, Visiting Physician, Carmichael Medical College Hospital, Belgachia, Calcutta. P.7/1, Chittaranjan Avenue, P.O. Beadon Street, Calcutta.

Proposer: J. C. De.

Seconder: B. S. Guha.

(40) *Judd, The Revd. Henry Pomeroy*, Clerk-in-Holy Orders, (St. James' Church), 165, Lower Circular Road, Calcutta.

Proposer: B. S. Guha.

Seconder: J. C. De.

(41) *Chatterji, Bankim Chandra*, M.Sc., (Gold Medalist), Member of the Calcutta Mathematical Society, Research Scholar, Calcutta University, P. 23B, Nepal Bhattacharya 1st Lane, Kalighat, Calcutta.

Proposer: J. C. De.

Seconder: B. S. Guha.

(42) *Mayley, Thomas Theodore Steiger*, I.C.S., F.R.A.I., B.A. (Cantab. and Oxon.), Assistant Commissioner, Shillong, Assam.

Proposer: J. P. Mills.

Seconder: B. S. Guha.

(43) *Mukerji, Nirod Prosad*, M.Sc. (Cal.), Ph.D. (Lond.), Research Fellow, Teachers' Training Dept., Calcutta University, 1/5, Fern Road, Ballygunge, Calcutta.

Proposer: J. C. De.

Seconder: B. S. Guha.

(44) *Habibullah, A. B. M.*, M.A. (Cal.), Ph.D. (Lond.), Dip. Lib. (Lond.), Lecturer Islamic History & Culture, Calcutta University, 4, Hyat Khan Lane, Calcutta.

Proposer: M. Hidayat Khan.

Seconder: J. C. De.

The General Secretary reported the following loss of membership, since the previous meeting by death.

1. Sir E. Denison Ross (Ordinary Member, 1901; Ordinary Fellow, 1910).
2. J. R. Asari (Ordinary Member, 1937).

Members standing passed resolution of condolence.

The General Secretary announced that since the previous meeting: (a) there had been no loss of membership by resignation (b) there had been no lapses of election under Rule 9; and (c) there had been no withdrawals of application.

The following papers were read:—

1. B. S. GOGATE.—*On Trematodes Collected in Pilibhit (North India).*

This paper is a description of a number of species of Trematodes Parasites collected in the Pilibhit district of the United Provinces.

2. M. E. GORDON and D. H. GORDON.—*Survivals of the Indus Valley.*

The authors indicate several survivals of the Harappa and Jhukar Cultures of the Indus Valley over to the early Historic Period from the beginning of the Gupta's, i.e., 322 B.C. to C. 500 A.D. At the same time they put forward their views, based on objects discovered from the area, in reference to the apparent cultural hiatus of approximately two thousand years.

3. S. L. HORA and J. N. RUDRA.—*On Catfish Spines embedded in the Mesentery of Ophicephalus punctatus Bloch.*

The presence of pectoral spines of *Mystus gulio* (Hamilton) in the mesentery of *Ophicephalus punctatus* Bloch is recorded, and attention is directed to the earlier records of foreign bodies embedded in the tissues of fishes. An explanation as to how the spines became lodged in the mesentery is given, and reference is made to certain relevant features in the ecology and bionomics of the two species concerned.

4. SIR AUREL STEIN.—*Notes on the Life and Labours of Captain Anthony Troyer.*

Captain Anthony Troyer after several years' distinguished service in the Indian Army and as Secretary to the Government Sanskrit College, Calcutta, retired to Paris in 1835. In 1840 he published a French translation and the Sanskrit text of the first six cantos of the Chronicle of Kalhana's *Rajatarangini*.

Twelve years later he completed the work by translating the remaining two cantos. In this communication, the author gives an account of the life and labours of this interesting personality who continued to pursue his scholarly labours till 1865 when he died at the age of 90 years. He was described by the distinguished French orientologist Mohl as a man wholly indifferent to fame and content to satisfy his interest in study for its own sake. Troyer also completed an English translation of *Dabistan* or *School of Manners* from an incomplete manuscript left by David Shea: this was published on behalf of the Oriental Translation Committee in 1845. The account of the life and work of Captain Troyer communicated to the Society is based on an obituary notice by Mohl and on enquiries carried out by Col. Phillimore.

5. C. P. S. MENON.—*The Magic Cakras and Rectilinear Orbits in Ancient Astronomy.*

From his detailed studies the author concludes that the ancient astronomers who were engaged in observing the Sun and the stars and measuring the shadows learnt to assign rectilinear orbits to the celestial bodies. This plan fitted in with their system of measurements based on square scales, and with their general scheme of things including their conceptions like the Universe based on the square form and their appliances like the gnomon and the Sundial. From an evolutionary standpoint the square appears to have given place to the circle, the intermediate stages being marked by the pentagon, hexagon, octagon, etc. While the solar orbit and the zodiac were conceived as squares in the beginning these earlier astronomers soon learnt to differentiate between the forms of the orbits of the various planets. These realities of the Universe were, however, treasured as secrets and gave rise to various symbols of mysticism, occultism and art, and survived in astrology, alchemy, the Kabbala, and in rites of religion and magic.



DECEMBER

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 2nd December, 1940, at 5.30 P.M.

PRESENT

DR. S. L. HORA, D.Sc., F.Z.S., F.N.I., F.R.S.E., F.R.A.S.B.,
Ordinary Member, in the Chair.

Members :

Agharkar, Dr. S. P.	Griffiths, Dr. W. G.
Biswas, Dr. K. P.	Guha, Dr. B. S.
Bose, Mr. S. M.	Hobbs, Major H.
Bruce, Mr. A. E. R.	Hosain, Dr. M. H.
Chakravarti, Prof. C.	Jain, Mr. C. L.
Chatterjee, Mr. B. C.	Macfarlane, Mrs. E. W. F.
De, Mr. J. C.	Meyer, Miss S.
Ghosh, Mr. P. K.	Pasticha, Major C. L.
	Rossetti, Mr. F. F.

Visitors :

Graig, Mr. D.	Mookerjee, Mr. S. K.
Herre, Prof. Albert, W. C. T.	Roonwal, Mr. M. L.
Job, Mr. T. J.	Row, Dr. H. S.
Law, Mr. N. C.	Tinbuchi, Mr. B. P.
	Waig, Mr. C.

The minutes of the last meeting were read and confirmed.

The General Secretary announced receipt of the following ten presentations of books, etc., which had been kept on the table for inspection:—

- (1) From Kanhaylal Mathur—'Kavita Sangraha in Hindi'.
- (2) „ Dr. B. C. Law—'Holy Places of India'.
- (3) „ the Archaeological Survey—'Catalogue—Central Archaeological Library'.
- (4) „ the Madras University—'Administration and Social Life under Vijayanagar'.
- (5) From Government Central Press, Bombay—'Poona Residency Correspondence, Vol. 7'.
- (6) From the Calcutta University—'Santal Insurrection, 1855 to 1857'.
- (7) From Kalikinkar Dutta, Esq.—'Santal Insurrection, 1855 to 1857'.
- (8) From Dr. U. N. Ghoshal—'Travels of Tibetan Pilgrims in the Sant Valley'.
- (9) From the Madras Government—'Descriptive Catalogue of Islamic MSS. in Government Oriental MSS. Library, Vol. I'.
- (10) From Maulavi H. S. Ata Hosain—'Hazairul Quds, etc.'.

The following candidates were ballotted for election as Ordinary Members:—

(45) *Hodgson, Lionel Leonard*, Secretary and Treasurer, British and Foreign Bible Society (Calcutta Aux.), Bible House, 23, Chowringhee Road, Calcutta.

Proposer: Baini Prashad.
 Seconder: M. Hidayat Hosain.

(46) *Jalan, Mohantal*, Landlord, 61, Harrison Road, Calcutta.

Proposer: Baini Prashad.
 Seconder: J. C. De.

(47) *Sāhityabhushana, Pandit Kedernath*, Editor of Kāvya-mālā, Court Raj Pandit, Raj Jyotishi, Incharge Maharaja's Astrological Observatory, Sanghi ji ka Rasta, Jaipur City, Rajputana.

Proposer: Baini Prashad.
 Seconder: J. C. De.

(48) *Genge, George Radcliffe*, Journalist, Spence's Hotel, Calcutta.

Proposer: Baini Prashad.

Seconder: A. E. R. Bruce.

(49) *Isch-Wall, Claude*, Licencié-es-Science (Mathématiques et Physiques) Lieutenant British Army, Fort William, Calcutta.

Proposer: A. E. R. Bruce.

Seconder: Baini Prashad.

(50) *Edgley, Hon'ble Mr. Justice Norman George Armstrong*, Puisne Judge, Calcutta High Court, 9/1, Middleton Street, Calcutta.

Proposer: L. R. Fawcett.

Seconder: M. Hidayat Hosain.

(51) *Rahman, A. F. M. Khalilur*, B.A. Hons. (Lond.), Ph.D. (Lond.), Professor of History (B.E.S.), Presidency College, College Street, Calcutta.

Proposer: M. Mahfuz-ul Haq.

Seconder: U. N. Ghoshal.

The General Secretary announced the following loss of membership, since the previous meeting, by death:—

1. Sir Joseph John Thomson (Honorary Fellow, 1915).

The General Secretary reported the following loss of membership, since the previous meeting, by resignation:—

1. E. C. Flury (Ordinary Member, 1936).
2. Hemraj Raj Guru (Ordinary Member, 1919).
3. J. C. White (Ordinary Member, 1936).
4. J. A. Dunn (Ordinary Member, 1929).

The General Secretary announced that since the previous meeting: (a) there had been no lapses of election under Rule 9, and (b) there had been no withdrawals of application.

The General Secretary reported that in accordance with Rules 37 and 38, the names of the following six ordinary members would be suspended as defaulters within the Society's building for the period of a month, to be removed from the Society's registers for non-payment unless the amount due be paid before the next Ordinary Monthly Meeting:—

1. M. L. Bhutia	due	..	Rs. 70
2. P. L. Jaitly	..	..	88
3. H. C. Mandhata	..	..	78
4. Abinash Ch. Ray	..	..	90
5. Raja Kshitindra Deb Rai Mahasai	..	..	108
6. Mukul Dey	..	..	135

In accordance with Rule 40, the General Secretary reported the names of the following ten Ordinary Members had now been removed from the member-list of the Society:—

- | | |
|--------------------------|------------------------|
| 1. G. W. Douglas. | 6. Major R. L. Vance. |
| 2. Otto Eberl. | 7. R. M. Statham. |
| 3. R. S. Finlow. | 8. Capt. G. L. Mallam. |
| 4. Major D. E. G. Kemmy. | 9. O. G. Matthias. |
| 5. H. W. Lyne. | 10. S. C. Chakravarti. |

In accordance with Rule 40, the General Secretary reported that the names of the following eleven Ordinary Members would be removed from the next member-list of the Society:—

- | | |
|------------------------------|---------------------------|
| 1. Rai Bahadur S. K. Bhuyan. | 7. Major M. F. C. Martin. |
| 2. P. N. Banerjee. | 8. Herbert Richter. |
| 3. G. C. Calder. | 9. Jaipal Singh. |
| 4. H. Crookshank. | 10. G. Tucci. |
| 5. A. H. Harley. | 11. T. Williams. |
| 6. W. E. Harris. | |

The following papers were read:—

1. V. NARAYANASWAMI.—*A note on Cassia javanica L. and Cassia nodosa Ham. with a key to the cultivated tree Cassias.*

The correct identification of the two most beautiful of tree Cassias, namely the Java Cassia, *Cassia javanica* L. and the Busuk-Busuk, *C. nodosa* Ham., that are commonly met with in cultivation in several parts of India has for long been unsatisfactory. Of these, the Java Cassia is the oldest species, established by Linnaeus in 1753. Probably on account of long cultivation under artificial conditions, it has become very variable and it may not be unlikely that *C. nodosa* Ham., is one of such variations that has now become firmly established with clear cut characters of a true species. Cytogenetic tests may perhaps solve this probability. Apart from this supposition regarding the origin of *C. nodosa* Ham., these two species differ from each other markedly as to considerably minimize the chances of their being mistaken one for the other.

C. javanica is easily distinguished from *C. nodosa* by (1) the semilunate stipules, produced at the two ends into subulate tails, (2) by the small oblong oval leaflets, equal and rounded at the base and rounded obtuse or slightly emarginate at the tips, and (3) by the oblong obtuse petals, rounded at both ends. In *C. nodosa*, on the other hand, the leaflets are oblong ovate, acute apically and acute or somewhat rounded at the base; the stipules are semilunate with the upper half broader with a distinct median nerve ending in a mucro and the petals are long narrow oblong, acute at both ends.

2. EILEEN W. E. MACFARLANE.—*Blood Grouping in the Deccan and Eastern Ghats.*

Blood group data from 75 persons from the Depressed Classes in the Nizam's Dominions showed frequencies of the three agglutininogen genes similar to that found in the Depressed Classes of Bengal. A small sample of Bhil bloods showed over 50% Group B and very little Group A. Banjaras possess less of B and a north Indian type of blood group distribution. The primitive Chenchus belong preponderantly to groups O and A. B seems to be filtering in by miscegenation on the edge of their

reservation. They thus differ from all other Indian groups tested except Panyars of the Western Ghats and Malayali lower castes. Among 123 Bison Head Maria Gonds in Bastar State the three groups were fairly equally represented with a regular preponderance of about 10% of Group B over A, a similar distribution to that found among the Santals by Sarkar.

The following communications were made:—

1. ALBERT W. C. T. HERRE. (*Stanford University, U.S.A.*).
—*Fisheries Development in the East.*

The present condition of fisheries and the objectives of the Fisheries Departments in the Philippines and Malaya will be discussed and a comparison made with conditions elsewhere in the Orient. The problems of local versus alien development and domination will be considered at the same time. Marine and fresh-water fisheries, and the importance of pond culture will be treated.

2. CHINTAHARAN CHAKRAVARTI.—*Sanskrit Manuscripts in the Royal Asiatic Society of Bengal.*

The Royal Asiatic Society of Bengal is the custodian of one of the biggest collections of Sanskrit Manuscripts. History of the different collections—Society's own collections, Government collections, Indian Museum collections. Catalogues and notices of the Manuscripts. Manuscripts of a general interest: old Manuscripts of the 7th–12th centuries; illustrated Manuscripts of artistic interest, Manuscripts of works on the game of chess, on warfare, on the Persian language, on stealing, on veterinary science and on hawking. Sanskrit texts published from rare or unique manuscripts belonging to the Society. Works published with the help of manuscripts in the possession of the Society.

Communication No. 2 by Prof. Chintaharan Chakravarti was not read but postponed for the next meeting with his consent.

The Chairman announced the result of the ballot for the election of Ordinary Members and declared that all the candidates had been duly elected.

OBITUARY NOTICES

RAI BAHADUR KANAK LAL BARUA, C.I.E.

(1872-1940)

Rai Bahadur Kanak Lal Barua, C.I.E., son of Lakshmi Lal Barua, was born at Gauhati in the year 1872. After obtaining the B.A. and B.L. degrees of the Calcutta University, he practised at the Gauhati Bar for a few years. He next joined the Assam Civil Service as an extra Asst. Commissioner in 1900. He was appointed temporarily to be Registrar of Co-operative Societies and Director of Industries in September 1918 and in 1922 was appointed substantively as a holder of a 'listed post' in the Indian Civil Service. From October 1923 he was head of the combined departments of Agriculture, Industries, and Co-operative Societies. He retired in 1927 but soon afterwards he was appointed the Member for Commerce and Industry in the Assam Government. In 1929 he was appointed as a Minister for Self-Government in the Saadullah Ministry. He held this position up to April 1937 and, in recognition of his services, he was made a Companion of the Order of the Indian Empire in 1937.

In addition to his administrative work, he was a keen student of Assamese history and antiquity and published a large number of papers in many Historical Journals. He was a member of the Royal Asiatic Society of Bengal since 1931 and took a great deal of interest in its work. He was also a member of the Council of the newly founded Indian Anthropological Institute. For many years he was the President of the Kamarupa Anusandhan Samity and the mainstay and editor of its organ *The Journal of the Assam Research Society*, as well as Secretary for the Provincial Coin Cabinet. His most important work is 'The Early History of Kamarupa' which was published in 1933, dealing with the history of Assam from the earliest times of the advent of Ahoms.

He was a man of very liberal views and personal charm and had a wide circle of friends. His death will be mourned by students of India not only in his native province of Assam but throughout the country.

B. S. GUHA.

(Read in the Ordinary Monthly Meeting of 1st April, 1940.)

PANDIT AMULYA CHARAN VIDYABHUSANA
(1877-1940)

Pandit Amulya Charan Vidyabhusana was an Orientalist who devoted his energies mostly in making a popular exposition of the stories of the past glory of Bengal as well as of India, among the people of Bengal. He was a Professor of Pali and the Indian Vernaculars in the Vidyasagar College for a good many years. He had a working knowledge of a number of modern languages—Indian and European. Towards the end of the last century he made his debut into his literary career by starting a Translating Bureau which undertook to translate correspondence in different languages of the world. In 1901 he founded the Edward Institution for teaching languages.

He was intimately connected with various literary and cultural institutions of Bengal. He was an Ordinary Member of the Royal Asiatic Society of Bengal since July 1905 till the time of his death. He was an active member of the Bangiya Sahitya Parishat for many a year. He served the Parishat in various capacities: Librarian (1310-1313 B.S.), Assistant Secretary (1326-1329 B.S.), Secretary (1330-1334 B.S.; 1343-1344 B.S.), Vice-President (1341-1342 B.S.). He presided over the annual sessions of a number of literary conferences in and outside Bengal. He was at one time or other the editor of a number of well-known journals of Bengal. He was the first editor of one of the best Bengali journals—*Bhāratvarṣa* (1320 B.S.). He was also the editor of *Bānī* (1312-8), *Marmuvānī* (1322 B.S.), *Gaurāṅgasevaka* (1325-1335 B.S.), *Kāyāsthupatrikā* (1326, 1334-1335 B.S.), *Pañcagṛṇya* (1336-1339 B.S.), *Śrī Bhārati* (1340-1346 B.S.). Pandit Amulyacharan wrote mostly in Bengali. He contributed numerous papers in different popular Bengali journals and several in a number of periodicals in English. Of his publications in book-form, mention may be made of the following:—

1. Edition of the *Śrīkṛṣṇavilāsa* (a medieval Bengali work) of Kṛṣṇadāsa (Bangiya Sahitya Parishat Series, 1326 B.S.).
2. Descriptive Catalogue of Bengali MSS. in the Bangiya Sahitya Parishat (Vol. III, pt. I, 1330 B.S.; Vol. II, pt. II, 1333 B.S.).
3. Edition of *Saṅkīrtanāmṛta* (a medieval Bengali work) of Dinabandhu Dāsa (Bangiya Sahitya Parishat Series, 1336 B.S.).
4. *Sarasvatī* (Vol. I) (Devatattva-granthamālā No. I). A detailed account in Bengali of the Goddess of Learning.
5. *Baṅgiya Mahākoṣa* (Encyclopaedia Bengalensis)—edited by Pandit Amulyacharan (chief editor) with the help of a band of scholars. One volume (846 pages) and twelve parts (384 pages) of the second volume have so far been published.

CHINTAHARAN CHAKRAVARTI.

(Read in the Ordinary Monthly Meeting of 3rd June, 1940.)

RAI SAHEB NAGENDRA NATH VASU

(1866-1938)

Nagendra Nath Vasu was a well-known scholar who has done a great service to Indology by his voluminous contributions in different branches of the subject. The compilation of the *Viśvakōṣa* (Encyclopaedia Bengalensis) will give him a place of honour in the history of the vernacular literatures of India. It was on this work that he devoted the best part of his life and energy. He had a great fascination for lexicographical work with which he came to be associated quite early in his life. Before he took upon himself the task of compiling the *Viśvakōṣa* he is stated to have worked for some time for the *Śabdendu-prakāśa-mahākōṣa* and for the supplement of the *Sabdakalpadruma*.

He was associated with the Asiatic Society of Bengal as an Ordinary Member from September 1894 to May 1927 and as an Associate Member since May 1927. He had contributed about half a dozen archaeological papers in the Journal of the Society (Old Series, Vols. 65, 66, 67, 69) during the years 1896-1900.

He was intimately connected with the Bangiya Sahitya Parishat for many years and in many capacities. He was editor of the Journal for nine years (1311-1318 B.S.). He was elected Vice-President of the Parishat on several occasions (1330, 1331, 1336, 1340 B.S.). He edited a large number, as many as a dozen, perhaps the largest number so far published in the Series under the editorship of one scholar, of works, mostly texts in old and medieval Bengali, in the Series of the Parishat. It was Mr. Vasu who in a sense introduced the Series and edited the first two works published by the Parishat. The Parishat in recognition of his vast scholarship as reflected in his numerous works, especially his monumental compilation, the *Viśvakōṣa*, honoured him at a special meeting held on Caitra 17, 1318 B.S., on the completion of the great work of his life. The Parishat also gave him the highest honour at its disposal by electing him one of its 15 distinguished members in 1319 B.S. The Government of India honoured him with a *Rai Sahib* in the year 1918.

It is not possible to give here a complete bibliography of the numerous publications of Mr. Vasu. A list of the more important of these is given below:—

1. *Viśvakōṣa* or Encyclopaedia in 22 quarto vols. of about 16,000 pages. He took up the work in 1295 B.S. from page 113 of Vol. II where it was left by the original editors Rangalal Mukherji and Trailokyanath Mukherji and completed the last volume in 1318 B.S.

2. A highly improved edition of the work in Hindi was also published by Mr. Vasu in 25 quarto volumes of 768 pages each. But it is a pity that he was not spared to complete the second and up-to-date edition of the Bengali version of which four volumes of 788 pages each have so far been published.

3. Archaeological Survey of Mayurbhanja, Vol. I, 1911.

4. Modern Buddhism and its followers in Orissa, 1911.

5. Castes and Sects of Bengal (in Bengali) in 11 vols. (1321 B.S.—).

6. Social History of Kamarupa, Vol. I, 1922 ; Vol. II, 1926.

7–17. Editions of Rasamanjari of Pitambara Dasa (1306 B.S.), Mahabharata of Vijayapandita (1306 B.S.), Caitanyamangala of Jayananda Dasa (1312 B.S.), Kasiparikrama of Jayanarayana Ghoshal (1313 B.S.), Sunyapurana of Ramai Pandit (1314 B.S.), Navadvipaparikrama of Narahari Cakravarti (1316 B.S.), Kalkipurana of Ramalocana Dasa (1320 B.S.), Samgitaragakalpadruma of Krisnananda Vyasadeva Rasasagara (1321 B.S.), Tirthamangala of Vijayarama Sen (1322 B.S.), and Tirthabhramana of Yadunath Sarvadhikari (1322 B.S.).

CHINTAHARAN CHAKRAVARTI.

(Read in the Ordinary Monthly Meeting of 3rd June, 1940.)

PROCEEDINGS OF THE MEDICAL SECTION
MEETINGS, 1940.

No meeting of the Medical Section was held during the year.

INSTRUCTIONS TO AUTHORS FOR THE SUBMISSION OF PAPERS FOR PUBLICATION IN THE JOURNAL AND MEMOIRS OF THE SOCIETY.

PAPERS

1. All communications submitted to the Society for publication should be addressed to the General Secretary and not to any officer by name. They should be type-written on one side of the paper with sufficient margin on the sides, and *in all respects must be absolutely in their final form for printing.*

2. Papers must be accompanied by a brief abstract not exceeding 1,000 words, which shall indicate the subject of the paper and the nature of the advance in the existing knowledge on the subject.

3. Tables of contents (for long papers), references to the plates and literatures, etc., should be given in their proper places.

4. Quotations in Oriental languages should be in the original script, and wherever they are transliterated the System of Transliteration adopted by the Society must be followed (see instruction 15). The names of *genera* and *species* in the case of biological communications should be underlined to indicate that they are to be printed in italics.

ILLUSTRATIONS

5. All drawings and photographic prints should be as clear as possible. They should be in a form immediately suitable for reproduction, preferably of a size to permit reduction to about two-thirds the linear dimensions of the original, and should be capable of reproduction by photographic processes.

6. Drawings and diagrams to be reproduced as line blocks should be made with fixed Indian ink, preferably on fine white Bristol board, free from folds or creases; smooth clean lines or sharp dots, but no washes or colours should be employed for shading. The positions of the illustrations that are to appear in the text must be clearly indicated in the margin of the paper; and explanations of the figures should be typed at the end of the main paper with the indication: *Explanation of text-figures.*

7. The maximum space allowable for illustrations in the *Journal* and the *Memoirs* are as follows:—

Journal, text, $3\frac{3}{4}'' \times 6\frac{3}{4}''$; Plates, $4\frac{1}{2}'' \times 7''$.

Memoirs, text, $6\frac{1}{4}'' \times 9''$; Plates, $7\frac{1}{2}'' \times 9\frac{1}{2}''$.

These spaces include the usual figure numbering. Explanations of the plates to be printed on separate pages, facing the plates, must be typed on separate sheets.

PROOFS

8. A proof of each paper will be sent to the author, on the address given on the MS.

9. No alteration or addition necessitating any considerable change of type may be made in the proofs. Should such alterations or additions be necessary, these must be added as footnotes duly dated and initialled. The cost of corrections made in the proofs should not exceed 20% of the printers' charges for the setting of the paper; any excess will be charged to the authors.

10. The proof must, if possible, be returned within one week of the date of receipt to the Society duly corrected.

MISCELLANEOUS

11. Authors of papers published in the Society's *Journal* and *Memoirs* are entitled to receive *gratis* 30 copies of each paper, and as many more as they require on payment of the cost of printing, paper, and make up. Such requirements must be stated at the time of returning the proofs.

12. Papers by non-Members of the Society must be communicated through a Member, who shall satisfy himself that the paper is suitable for presentation to the Society, and is ready for the press.

13. No communications under consideration or accepted for the Society's publications may be published elsewhere without the express sanction of the Council.

14. To facilitate the compilation of indexes, each author is requested to return to the Society together with the proof, a brief index of the contents of the paper. These indexes will be edited and incorporated in the volume when completed.

15. The following systems of transliteration are henceforth to be followed (as far as practicable) in the publications of the Society, in quoting non-European words as such. In giving names of places, authors or books, which would occur in the course of the English text, a 'broad' transcription, following English values of the consonants and avoiding diacritical marks, is recommended.

SANSKRIT

अ = a	आ = ā	इ = i	ई = ī	उ = u	ऊ = ū
ए = e	ऐ = ē	ऋ = ṛ	ॠ = ṝ	र = e (or ē)	रे = ai (or aī)
ओ = o (or ō)	औ = au (or aū)	(Prakrit अद् अउ = ai, aū)			
◌ (Anusvāra) = m	◌ (Visarga) = ḥ	× (Jihvāmūliya) = χ			
◌ (Upadhmanīya) = φ					

Sandhi Vowels may be indicated as ā ī ū ē ō. *Avagraha* = '.
Accents in Vedic—*Udātta* á â etc. *Svarita*—â.

क	ख	ग	घ	ङ	=	k	kh	g	gh	ṅ (or ṇ)
च	छ	ज	झ	ञ	=	c	ch	j	jh	ñ (or ṇ)
ट	ठ	ड	ढ	ण	=	ṭ	ṭh	ḍ	ḍh	ṇ
त	थ	द	ध	न	=	t	th	d	dh	n
प	फ	ब	भ	म	=	p	ph	b	bh	m
य	र	ल	व		=	y	r	l	v (or w)	
श	ष	स	ह		=	ś	ṣ	s	h	
ळ	ळह				=	l	lh			

HINDI (and other North Indian Speeches)

As for Sanskrit, only nasalised Vowels are to be indicated by a *tilde* mark (˜) above the Vowel (e.g. अँ अॉ अँ रँ = ā ã ū aĩ, aĩ, aĩ, aĩ).

etc.), and ङ ढ are to be denoted optionally by either d dh or by r rh. Care should be taken in distinguishing ब and व (b and v)—the latter preferably may be written as w rather than v, specially in intervocal and final positions. The final silent -a may be optionally omitted: but in quoting Early Hindi, etc. the final a should be retained. छ ञ as in Rajasthani, Panjabi, etc. are to be indicated as in Vedic.

BENGALI

The system for Sanskrit, with the provision for nasal Vowels and for ড ঢ (= ঙ ঞ) as in Hindi. For ব (অন্তঃস্থ ব), in all *tatsama* or pure Sanskrit words, *y* should be employed, in Prakritic and semi-tatsama words, *j*; subscribed ব (= ব-ফলা) should be indicated by *y*. The difference between বগীয় ব (= b) and অন্তঃস্থ ব (= v, w) need not be indicated for Bengali—b may be written for both: only subscribed ব (ব-ফলা) is to be written as *w* (e.g. Skt. *Viśvāsa* = Bengali *Biśwās*). Final -a may be omitted optionally, but it should be retained for Early Bengali.

ARABIC

In transcribing Arabic, according to the context either (i) the native Arab pronunciation (as current in the *Jazīratu-l-‘Arab*) or (ii) the Perso-Indian pronunciation may be followed.

(i) Arabic in native Arab Pronunciation—

أ (alif hamza) = ’; ب = b, ت = t, ث = th (or θ); ج = j (or ġ), ح = h, خ = kh (or x, or x); د = d, ذ = dh (or δ); ر = r, ز = z; س = s, ش = sh (or š); ص = s, ض = d; ط = t (or t), ظ = z (or z); ع = ‘, غ = gh (or γ); ف = f, ق = q; ك = k; ل = l; م = m; ن = n; و = w, ū; ه = h; ي = y, ī.

— respectively = a, i, u (or ĕ, ĕ optionally in place of i, u), ١ = a, i, u; ١̄ = ā; ١̇ = ī; ١̈ = ū; ١̉ = ay (or ai); ١̊ = aw (or au); *tanwīn* = ^{un, an, in} above line; ١̋ = á. (Note: عبد الحق = ‘Abdu-l-Ḥaqq, or ‘Abd al-Haqq, not ‘Abd-ul-Haqq.)

١̌ = t (or h, or th).

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1942

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Joint Philological Secretary:—M. Mahfuz-ul Haq, Esq., M.A.

Natural History Secretaries:—
 Biology:—Kalipada Biswas, Esq., M.A., D.Sc., F.R.S.E.
 Physical Science:—K. N. Bagchi, Esq., B.Sc., M.B., F.I.C., D.T.M., F.N.I.

Anthropological Secretary:—H. C. Chakladar, Esq., M.A.

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Medical Secretary:—J. B. Grant, Esq., M.D., M.P.H., F.A.P.H.A.

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M. Z. Siddiqi, Esq., M.A., Ph.D.

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L. R. Fawcus, Esq., C.I.E., I.C.S.

ROYAL ASIATIC SOCIETY OF BENGAL

PRIVILEGES OF ORDINARY MEMBERS

- (a) To be present and vote at all General Meetings, which are held on the first Monday in each month except in September and October.
- (b) To propose and second candidates for Ordinary Membership.
- (c) To introduce visitors at the Ordinary General Meetings and to the grounds and public rooms of the Society during the hours they are open to members.
- (d) To have personal access to the Library and other public rooms of the Society, and to examine its collections.
- (e) To take out books, plates, and manuscripts from the Library.
- (f) To receive *gratis* copies of the *Journal*, *Year-book* and *Memoirs* of the Society.
- (g) To fill any office in the Society on being duly elected thereto.

YEAR-BOOK
OF THE
ROYAL ASIATIC SOCIETY OF BENGAL
FOR 1941

VOLUME VIII
1942

Year-Book, Royal Asiatic Society of Bengal, 1941

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PROCEEDINGS OF THE ANNUAL MEETING, 1942

FEBRUARY

The Annual Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 2nd February, 1942, at 5 P.M.

PRESENT

HIS EXCELLENCY SIR JOHN ARTHUR HERBERT, G.C.I.E.,
Governor of Bengal, Patron.

SIR JOHN LORT-WILLIAMS, Kt., K.C., President, in the
Chair.

Members :

Agharkar, Dr. S. P.
Anderson, Mr. J.
Asadullah, Khan Bahadur K. M.
Auden, Mr. J. B.
Bagehi, Dr. K. N.
Banerjee, Mr. J. N.
Basu, Mr. J. N.
Biswas, Dr. K. P.
Bose, Dr. D. M.
Bose, Mr. S. M.
Brahmachary, Rai Bahadur S. C.
Brown, Mr. Percy
Bruce, Capt. A. E. R.
Chatterjee, Mr. Manmohan
Chatterjee, Mr. P. P.
Chatterji, Dr. S. K.
Chatterji, Mrs. T.
Chaudhuri, Mrs. Roma
Chopra, Dr. B. N.
Cleghorn, Miss M. L.
Das-Gupta, Mr. C. C.
Datta, Mr. H. N.
De, Mr. J. C.
Dutt, Mr. M. N.
Dutt, Mr. N.
Ezra, Sir David
Fawcett, Mr. L. R.

Fox, Dr. C. S.
Gangoly, Mr. O. C.
Ghosh, Dr. P. K.
Ghosh, Mr. Sushil Chandra
Ghoshal, Dr. U. N.
Griffiths, Dr. W. G.
Guha, Dr. B. S.
Gurner, Mr. C. W.
Haq, Prof. M. M.
Hobbs, Major H.
Hora, Dr. S. L.
Jain, Mr. Chhotelal
Malik, Khan Bahadur A. R.
Mayer, Miss S.
Mazumdar, Mr. D. L.
Mukherjee, Dr. J. N.
Mukherjee, Rai Bahadur Pannalal
Nag, Dr. Kalidas
Prasad, Dr. B.
Ray Chaudhuri, Prof. H. C.
Siddiqi, Dr. M. Z.
Sircar, Mr. Ganapati
Sondhi, Mr. V. P.
Tagore, Maharaja Sir P. C.
Volantatirtha, Mr. N.
West, Mr. W. D.

and others.

Visitors :

Allsup, Mr. M.
Bhattacharya, Mr. V. N.
Bhattacharya, Mr. M. N.
Biswas, Mr. N.
Biswas, Mrs. K. P.
Biswas, Mr. S.
Bose, Mr. D.

Bose, Mr. S. K.
Brown, Mrs. Percy
Chackravarti, Mr. P. K.
Chatterjee, Mr. S. R.
Chaudhuri, Dr. J. B.
Cohen, Mr. D. J.
Cleghorn, Miss D.

Datta, Mr. B. K.
 Dutta, Mr. J. M.
 De, Mr. K. C.
 Frederick, Mr. A.
 Ghose, Mr. Soven
 Ghose, Mr. Susil Kumar
 Goenka, Rai Bahadur Badridas
 Gulia, Mrs. Uma
 Gupta, Mr. S. K.
 Hafiz, Dr. H. A.
 Majumdar, Mrs. D. L.
 Mookerjee, Mr. D.
 Mukherjee, Mr. R. R.

Narayanaswami, Mr. V.
 Nityaswarupananda, Swami
 Peake, Mr. B. H.
 Rahman, Mr. B.
 Rao, Dr. H. S.
 Rau, Mr. A.
 Ray, Mr. I. R.
 Ray Chowdhury, Mr. S.
 Roonwal, Mr. M. L.
 Smith, Mr. H. F.
 Thakurtha, Mr. A.
 Verstraetan, Fr. A.
 and others.

In declaring the Annual Meeting open the President ordered the distribution of the voting papers for the election of Officers and Members of Council of the Society for 1942 to all the Ordinary Members present and appointed Major H. Hobbs and Prof. H. C. Ray Chaudhuri to be scrutineers.

The President then called upon the General Secretary to present the Annual Report for 1941.

The Annual Report was then presented (vide page 37).

At 5-30 p.m. the President, accompanied by the General Secretary and the Treasurer, left the hall to receive His Excellency Sir John Herbert, Governor of Bengal, Patron of the Society, at the entrance of the building, and appointed Sir David Ezra to occupy the Chair during his absence. The retiring Council Members then assembled at the head of the staircase to receive His Excellency.

On the arrival of the Patron, the President introduced the retiring Council Members to him after which he requested His Excellency to occupy the Chair.

After his installation in the Chair, the Patron called on the retiring President, Sir John Lort-Williams, to read his address.

The retiring President then addressed the meeting (vide page 10).

The retiring President then called upon the scrutineers to report and announced the results of the Council Election (vide page 29).

The retiring President then gave place to the President for 1942 who thanked the Society as follows:—

‘LADIES AND GENTLEMEN,

I have to thank you for the honour you have done me by electing me as your President for the ensuing year. It will be my sincere endeavour, during my term of office, to serve the Royal Asiatic Society fully, so that its usefulness may increase and be appreciated. I hope that in the year that lies before us we may often gather here in the evenings to discuss

those arts and sciences which are the work of Man and study those objects which are produced by Nature, and in this way escape for an hour or so from the atmosphere of war to enjoy a short period of peace.'

'My first duty as your President is to express our appreciation of the services of our outgoing President, Sir John Lort-Williams. During his tenure of office as President he set an example in steering our affairs with great wisdom and an astonishing patience, and by his whole-hearted devotion in promoting the work of the Society he has proved himself equal to any of his distinguished predecessors. I am sure you will agree with me that what I have said is a very feeble way of expressing our appreciation of the work done for the Society by Sir John Lort-Williams.'

The President for 1942 then said—'It is now my privilege to invite our Patron, His Excellency the Governor of Bengal, to address us.'

The Patron then addressed the meeting (vide page 26).

After the termination of the Patron's address, the President for 1942 proposed a vote of thanks to the Patron on behalf of the Royal Asiatic Society of Bengal, which has been adopted by acclamation.

The Patron then called upon the President for 1942 for making such announcements as were called for.

The President said—'My first announcement is regarding the Election of Ordinary Fellows. On the date prescribed by the Regulation for the issue of voting papers for the election of Ordinary Fellows, there was one vacancy on the roll of Fellows, and two candidates were proposed for election. On scrutiny of the voting papers, it was found that neither of the two candidates had received the required number of votes as laid down in the Regulations, and the Council decided that no candidate should be recommended for election to Fellowship in this Annual Meeting.'

'I have next to announce that papers from two candidates have been received during last year in competition for the "Elliott Prize for Scientific Research" which was for Chemistry. I regret to say that the Trustees of the Prize have not received the report of the referee to whom the medal is to be awarded. So this prize is held over for next year.'

'A prize is offered for 1942, and the subject is for Physics. A detailed announcement concerning this has been published in the *Calcutta Gazette* last month.'

'My next announcement is regarding the Barclay Memorial Medal. This medal is awarded every alternate year for conspicuously important contributions to Medical or Biological

Science with special reference to India. The medal for 1941 is awarded to Sir David Prain, Kt., C.I.E., C.M.G., for his important medical and biological contributions. He was for some time Superintendent of the Royal Botanic Garden at Howrah, Director of the Royal Botanic Garden, Kew, Surrey, and a Trustee of the British Museum.

The President handed over the medal to the Patron, and requested him to hand it over to the Superintendent of the Royal Botanic Gardens.

The Patron addressed the Superintendent as follows:—

‘Dr. Kalipada Biswas, I have great pleasure in handing over to you on behalf of the Royal Asiatic Society of Bengal the Barclay Memorial Medal for the year 1941, and request you to transmit it to Sir David Prain with the Society’s and my hearty congratulations.’

The President then said—‘My next announcement is regarding the Joy Gobind Law Memorial Medal. This medal is awarded every three years to that person, who, in the opinion of the Council, has made important contributions to our knowledge of Zoology in Asia. The medal for 1941 is awarded to Prof. K. N. Bahl, D.Sc., D.Phil., Professor of Zoology, Lucknow University, for his important contributions to our knowledge of the Fauna of Asia.’

The President handed over the medal to the Patron and requested him to hand it over to the Director of the Zoological Survey of India.

The Patron addressed the Director as follows:—

‘Dr. Bains Prashad, I have great pleasure in handing over to you on behalf of the Royal Asiatic Society of Bengal the Joy Gobind Law Memorial Medal for 1941, and I request you to transmit it to Professor K. N. Bahl with the Society’s and my hearty congratulations.’

The President then said—‘My next announcement regards the Paul Johannes Brühl Memorial Medal. This medal was instituted in 1931 to be bestowed on a person who, in the opinion of the Council, has made conspicuously important contributions to the knowledge of Asiatic Botany. In view of the legal opinion given by the President for 1941 regarding the Trust, the Brühl Memorial Medal Advisory Board was unable to make an award, and recommended to the Council to have the Rules governing the award amended in accordance with the terms of the Trust, which has been accepted by the Council. The next award will therefore be made in accordance with the amended Rules in 1943.’

The President for 1942 then said:—‘My next announcement is with regard to the Indian Science Congress (Calcutta) Medal.

This medal is awarded whenever the Science Congress holds its annual session in Calcutta, and it has so far been awarded twice—in 1935 to Dr. Meghnad Saha and in 1938 to Sir James Jeans.'

The Patron handed over the medals to the General Secretary for transmission to the recipients.

After these announcements the President declared the Annual Meeting to be dissolved with the following words:—

'LADIES AND GENTLEMEN,

'In declaraing the Annual Meeting dissolved, I invite the non-members present to examine the collection of exhibits at the other end of the hall, and the members present to re-assemble around this table for an Ordinary Monthly Meeting for the election of an Ordinary Member and the transaction of business.'

After this final announcement the President for 1942 then conducted His Excellency the Patron to inspect the exhibits (see page 30).

At 7 P.M. the Patron left the hall, conducted by the President, after which an ordinary monthly meeting was held, whilst the visitors inspected the exhibits.

ANNUAL ADDRESS, 1941-42.

Another year has passed and owing to war conditions I find myself, unexpectedly, but nevertheless with pride and pleasure, still your President, on whom rests what some former Presidents have described as the incubus of the Annual Address. It is curious that there is not and, so far as I can trace, never has been any provision for such an Address in our rules.

In the first place it is my duty to refer to the deaths during 1941 of several distinguished men who have been associated with the work of the Society. Sir George Grierson held a unique position in the domain of the study of Indian languages and dialects. He was the Director of the Linguistic Survey of India. Prof. C. R. Lanman was a great Sanskrit scholar and Orientalist, and Professor of Sanskrit at Harvard University. Sir James Frazer was the author of that famous work 'The Golden Bough', and many other studies of primitive beliefs and institutions. Dr. Rabindra Nath Tagore was made a Special Anniversary Centenary Member of the Society in 1934. His life and work is so well known that it would be a work of supererogation to attempt a summary. Shams-ul-Ulama Khan Bahadur Dr. M. Hidayat Hosain was connected with the Society for over 40 years. He was Joint Philological Secretary from 1925 to 1939, was the author and editor of many learned papers and works in Arabic and Persian, and from 1935 was entrusted with the publication of the Catalogues of Arabic and Persian Manuscripts. Sir Ganganath Jha was Honorary Editor of 'Manu Smṛti' in our *Bibliotheca Indica* Series. The Maharajadhiraja of Bardwan was one of our Vice-Presidents. He was distinguished for his breadth of mind, common sense and sound judgment, and possessed valuable qualities of a type too rare in India to be lost without great regret.

We are now in the midst of what may be said without exaggeration to be a world-war and the greatest war in history. At such a momentous time and amidst such a stupendous upheaval, which is now close to our own doors, it is difficult to find anything to say to you which will be appropriate and fitting not only to the times but to the occasion of the Annual Meeting of this learned Society.

Like everything else the war has affected our Society in many ways. It has caused and will increasingly cause a considerable diminution in our activities and some loss of membership, and we have incurred heavy extra expenditure owing to the urgent necessity of protecting and preserving in places of safety the countless manuscripts, books, pictures and other possessions which are our priceless heritage.

You may remember that last year I departed from what was thought by most of us including myself to be the usual convention of an Address upon some special subject. I did so deliberately, not only because I am not qualified as a specialist, except perhaps as a lawyer, but because I thought it a bad convention which might have the effect of limiting the office of President to specialists, in fact several past Presidents, including men so eminent as the late Sir Rajendra Nath Mookerjee have thought it necessary to apologize for their lack of special knowledge, and because many special subjects, though of the greatest interest to specialists, are not of general interest nor suitable for the Annual General Meeting of this Society, intended as it is for the general entertainment and if possible edification of the large gatherings of our resident members and their friends which are to be expected nowadays on these mainly social occasions.

But on searching the records of our Society I was, and you may be, surprised to find that this so-called convention is of comparatively recent origin and that during the Society's existence of 158 years there have been only 14 of such Addresses, the rest being concerned solely with the work of the Society and its various activities and in the earlier period with very lengthy reviews or synopses of scholarship and science not only over the whole of India, but including, so far as Oriental studies were concerned, the whole of the world. Of these earlier Addresses each covered an average of over 100 printed pages, one being 170 pages in length, yet described as brief and incomplete, and were compilations of articles supplied by the sectional Secretaries and other collaborators. I trust that they were never in fact fully delivered to long suffering audiences, and I am not surprised that they came to be regarded as an incubus.

Nevertheless these old Addresses are well worthy of study. It is useful occasionally to make comparison of our present condition with our past history and examine the gradual evolution of our Society. You will remember how last year I drew attention to the existence of growing dissatisfaction among many of our members with our organization and our cultural activities and made a number of suggestions for future guidance with the object of stimulating thought. I found, from letters which I received, that my remarks were appreciated by a considerable number of our members, though in conversation and otherwise I became aware of a good deal of opposition from others. It was clear that there existed a distinct cleavage of opinion, and I think that we must find some way to meet the views of both.

Therefore I made it my business to examine our records over many past years, and found to my surprise that many of our present difficulties and the criticisms made about our declining usefulness and prestige have been paralleled again and again in the past. What is more important and more useful to us in

the present is that sound reasons are given for those conditions which both then and now have been and are the subject of anxiety and complaint, and while many useful suggestions have been made by way of remedy, which I desire to bring to your notice, the impossibility and impracticability of reviving many of our past activities has been clearly and forcibly expressed. On the other hand, I have come to the conclusion that the fundamental reason for the decline in the prestige of our Society has never been fully grasped or clearly appreciated.

The most striking change in the condition of the Society is in the personnel of our officers and members and contributors. In the first 70 years of the Society's life only one Indian name appears among the Officers and in the next 30 years only 5 more. All the work of the Society was done by Europeans, mostly officials, and this state of affairs continued almost to the beginning of the present century. For example, of papers contributed to Part I of the *Journal* between 1836 and 1895, 724 were by Europeans and 105 by Indians, and to Part II, 1,021 and 18 respectively.

Mr. Beveridge, who was our President in 1891, said :

'It is much to be regretted that so few native gentlemen take a prominent part in our meetings, and that so few, comparatively speaking, are members. Doubtless the chief reason why we have not more native members is that the subscription is rather high.'

In 1896 Mr. (afterwards Sir Alexander) Pedler said :

'It is difficult to come to any conclusion from the foregoing facts than the disheartening one, that native gentlemen as a whole have not yet shown any particular aptitude for original research, and that this is true not only with research of a literary nature, but more particularly true of research in the Physical and Natural Sciences.'

In the Centenary volume Dr. Rajendra Lal Mitra wrote as follows :

'Looking to the numerical weakness of European society in India, and to the arduous character of the various occupations in which its members are engaged, it would be unreasonable to expect that many men would be found to devote their time to literary and scientific pursuits. . . . Natives, on the other hand, have, generally speaking, a defective education in early life, and cannot engage in researches, the fruits of which have to be recorded in a foreign language. The Asiatic Society has thus always laboured under a double disadvantage Notwithstanding the heavy duties they (Europeans in the Civil, Medical and Military service of the East India Company) had to discharge in their respective spheres, many of them contributed largely to the efficiency, the stability, and the advancement of the Society by their literary labours and scientific researches.'

Contrast all this with the statement made by Sir Rajendra Mookerjee in 1925: 'It was not an unjust criticism in 1896 that Indians as a general rule did not "show any particular aptitude for original research" especially in the domain of science. This feature is responsible for the almost complete absence of Indian names (with a few brilliant exceptions) from the illustrious bead-roll of the Society for one hundred years. The criticism is no longer true; since the late nineties Bengal has witnessed a wonderful educational revival and the number of Indians devoting their time and energies to original research has been steadily on the increase. We see the change in the composition of the Society's officers, and in the contents of our *Journal* and *Proceedings*..... But at the same time I am constrained to remark that there has been a remarkable falling off of interest amongst the European members..... I am afraid I have to record the almost complete lack of interest, in so far as the Society's literary and scientific work is concerned, amongst the officials to-day.'

Now let us turn again to these Addresses in order to seek for guidance about our future. I shall not attempt to paraphrase what our Presidents have said, but give you verbatim extracts from their speeches, upon the language of which I cannot hope to improve.

Thus in 1880 Mr. Medlicott said:

'In normal communities scientific societies are mostly restricted to special branches of study, and are sufficiently supported by men more or less devoted to that study, and who think it an honour, and an advantage to belong to the society. For larger societies that deal with all subjects there are also enough and to spare of scientific workers seeking the advantages or the honour of fellowship. If there were any need to illustrate how abnormal is the community to which we belong in India, the statistics of our Society would be much to the point. The relation of the body to the members seems to be almost the reverse of what I have indicated as normal. The very precarious hold the Society has upon its members has always been a complaint, but instead of mending with the advance of civilization, there are signs of its becoming a serious disease. This has been distressingly exhibited of late in connexion with a praiseworthy endeavour made by our administration to get the affairs of the Society into more regular working order. In some instances when notice was sent to members, calling attention to the rules of the Society and stating how long the subscription had been in arrears, while they had been in regular receipt of the *Journal*, instead of apologizing for their neglect, as a proper sense of the situation would dictate, they have not been ashamed to take offence at the notice, and to request the removal of their name from the list of members. The fact, I say, is a caution against

attempting to regulate our practice too closely on the pattern of societies in a normal community. . . .

However Englishmen may conduct themselves in India, they can never of themselves form the normal community which it is the function of civilization to establish. Superficially it did not seem an unreasonable hope that the seeds of knowledge would take root in this country, and in time yield an abundant crop of native scientific workers, amongst whom this Society would find its natural support. . . .

I have twice referred to the age of amateurs; and, from the lips of a "professional", it might be thought that the term was meant slightly. I used it as peculiarly designating the bond of fellowship that should unite a Society like ours. . . .

I have made a principal appeal to the moral consciousness of Englishmen in India, but it behoves us to do what we can to conciliate so capricious an auxiliary. If it should come to be thought that the Society is in the hands of, and sufficiently provided for by, devotees in the shape of experts and "professionals", we should risk losing the very slight hold we have upon a large number of our members.'

In 1887 Mr. Atkinson said:

'It has been sometimes urged that we should make our meetings more interesting to the general public and those amongst our members who do not occupy themselves with cultivating any particular branch of knowledge. The means are at hand and have received the sanction of your Council. On notice given to our Secretaries, they will place on the agenda paper for the evening any one of the numerous subjects within the scope of our Society that any member may wish to bring forward for discussion, and this shall be the subject of conversation for the meeting, to be entered on after the formal business of the evening has been concluded, and not to form any portion of the records thereof. Looking back on the history of our Society and analyzing the existing list of members, one fact is evident throughout, that we are essentially a Society of amateurs with a few professional men to weld our efforts together, and it is, in a great part, the labours of these amateurs that have built up this Society and made it what it is.'

In 1889 Colonel Waterhouse said:

'We have as yet no class of leisured devotees of science, as in other countries. For progress in the practical applications of science we have mainly to look to the Scientific Departments of the Government; for few of us have either the facilities or the leisure for carrying out independent researches of our own; and thus it has come about that experimental science occupies so small a place in our *Journal*, a fact greatly to be regretted, for the field of useful work is still large. It must be

admitted, however, that there is much in favour of the centralization of the results of the scientific work carried on under Government in various departments, so that enquirers in this or other countries may at once know where the information they are in search of is most likely to be found; the work is done more completely, and the continuity of the records of it thus secured is of the utmost importance.'

And in 1890 he said:

'As usual, we have to look to the scientific departments of Government for the principal additions to our knowledge of Indian geography, geology and mineralogy, meteorology, botany (scientific and economic), chemistry, archaeology, biology, and to a very great extent, of zoology, which seems to be the one subject that appeals more than any other to the private worker. There are few countries where so much scientific work is done by Government as in India, as evidenced by the many valuable publications that are yearly brought out in the branches of science above enumerated. When we contrast the state of Indian scientific literature now with what it was when I joined the service some 30 years ago, the value and amount of the work of this kind done by the Government will be clearly seen. There were then no Archaeological Surveys, no Meteorological Department, no scientific Annals of any kind except, I believe, the Records of the Geological Survey, and the Reports of the Great Trigonometrical Survey. The principal Museum in the country was our own and most of the scientific work done was by members of our Society.'

In 1891 Mr. Beveridge said:

'Provision might also be made then for a discussion of the annual report and the annual address, and I would suggest that the meeting in March might be set apart for the purpose. At present members have no opportunity of effectively discussing the annual report, for though it is the practice to invite remarks after the report has been read, there is no time at the February meeting for a discussion, and moreover members are not then in a position to discuss the report as they have not studied it. I am very anxious that our Society should not fall behind the times, and I have no wish to conceal from you that we are passing through a period of trial, and that there have been ominous mutterings about our delays and alleged somnolence. I have been struck with the idea that what we want is concentration of effort, and limitation of scope. I think that our lines are too extended. It is true that we have authority for wide views in the motto which stands on the covers of our *Journal* and *Proceedings*. Sir William Jones was speaking in the early days of oriental learning and when the wealth of each plot of the field of research was not

known. Ours was then the only Society in India. Our venerable Society is like Milton's banian tree:

"Branching so broad and long that on the ground
The bended twigs take root, and daughters grow
About the mother tree."

. We have an excellent hall for lectures, and we do not make sufficient use of it, or sufficiently take advantage of the admirable site of our building. Perhaps we do not make ourselves prominent enough. We might also have conversazioni, or even revive the old practice of an annual dinner. We are not a rigidly scientific Society. We are and always have been, a Society composed mainly of amateurs, and there would be no harm, I think, in courting publicity. We must march with the times and be on our guard against anachronisms. It was by its antiquarian and philological researches that the Asiatic Society originally made its reputation, and I am inclined to think that it is by such researches that it will best maintain its ground. We have an immense advantage over foreign Societies in our being able to get contributions from Government officers and others living in the interior, and in being able to get help from the natives of the country. In pure scholarship we cannot compete with Paris or Berlin, but wherever local knowledge comes in, we can pull them over the line. . . .

The resources of our Society are limited, and I suppose that we are about the only Oriental Society that has two distinct departments, and tries to carry on *pari passu* antiquarian and physical research.'

In 1902 Sir John Woodburn said:

'A proposal of cardinal importance was also brought before you for altering the status of the Society by including in its scope the development of Indian art, and especially by an enlarged attention to the application of science in Eastern studies. The decision of the Society has been to leave its name and status unchanged. If I may say so, I think that decision was right. The Society has an ancient and honoured name. Its special and proper objects have been consecrated by the lapse of years. The scientific students it was proposed to allure to our rolls have independent and specialized organizations, and I think the majority of the Society were right in the belief that the originators of the proposal would not succeed in merging these Associations in the wider and more general body of the Asiatic Society.'

In 1904 Mr. (afterwards Sir Henry) Risley said:

'I now turn to the large question of the position and prospects of this Society. We all know that it is not the power that it was in its earlier days. We all know that people say that our meetings are dreary, that our *Journal* appears at long and un-

certain intervals, that its pages are devoid of all human or other interest. . . . We shall all admit, when we have relieved our minds by a gibe at the Philistine in the street, that the authority and influence of the Society are not what they were a century ago. We do not do so much, and what we do does not attract so much general attention as it did. . . .

The standard explanation, a stock excuse for many things in India, is want of leisure. Every one is said to be too busy. The demands of official work, of business, of society are heavier than they were in the old days. People had time then to read and to think; they have no time now. . . .

There is another stock apology which, like the former, is used in a loose general way to account for anything in India that is thought for the moment to be out of joint. We are told that since the days of railways and steamers Englishmen in India have become mere birds of passage, that they go to Europe so often that they lose their interest in the East, and get out of touch with the people and their ways. Consequently, so the argument runs, they no longer care to write papers for the Asiatic Society; its journal languishes and its meetings have become dull. The conclusion may or may not be true: the premise is, in my opinion, if not absolutely false, at any rate far too widely stated. There has never been a time when interest in India and in the East generally has been so keen and so widely diffused in Europe as it is at the present day. You see it in every branch of the subject with which this Society deals, and it has been and will continue to be enormously quickened by the great political movement which is now in progress—the scramble for possessions, trade interests and *points d'appui* in Asia. It is indeed hardly a paradox to say that if any one in this country is in want of a stimulus in the particular branch of study in which he is engaged, he will best find it in a visit to Europe and in contact with fellow-workers there. Any one of a dozen societies will give him a cordial reception, and their enthusiasm revive his flagging energies. He will realize that the study of Indian subjects holds a higher place than it has ever done, that it is no longer treated as a thing apart which can be ignored with impunity, but that it enters into the solution of problems which a generation ago no one would have dreamed of approaching from the Indian point of view. Nor do I admit that the Europeans at work in India at the present day know less about the country and the people than their predecessors of a century ago. Of the country as a whole they know infinitely more because they have seen more, because trains and steamers move faster than boats and palanquins. Of the people also they can know more if they choose to take the trouble, for they have a better start. . . .

For the real causes of the diminished influence of the Society we must look back to the history of its own growth and development. When our first President, Sir William Jones,

gave to the world, as Sir Henry Maine admirably put it, "the modern science of Philology and the modern theory of Race", the Asiatic Society of Bengal had a practical monopoly of the new learning. The Calcutta scholars of that day, Jones, Colebrooke, Wilkins and Wilson, all of them active members of this Society, were the pioneers of the Sanskrit Renaissance as the Greek scholars of the 15th century were of the revival of learning in Europe. But Calcutta was not long to remain the centre of Sanskrit studies. When the German Universities entered the field guided by Humboldt and Wolff, and controlled by a Government too wise to leave the great national interest of higher education to the chances of private enterprise, the combination of industry and organization was bound to make itself felt....

In the region of science, while the result has been the same, it has come about in rather a different way. When the Founder of the Asiatic Society defined the range of its inquiries as extending to whatever is performed by man or produced by nature, his words corresponded to the facts. We were then the sole organ of research in Asia. Whatever was done in Geology, Meteorology, Zoology, Botany was done at the instance of and through the agency of this Society, and the results of these researches were published in this *Journal*. Now all these branches of scientific activity have grown and developed on lines of their own. They have blossomed forth into separate departments, and they publish their own memoirs. This is the natural course of evolution....

What then is there left for us to do? We cannot—I would frankly admit the fact—aspire to rival the Germans in the matter of scholarship, at any rate not at present. It may be that my friends Dr. Ross and Hara Prasad Sastri will succeed in creating traditions of critical accuracy on the lines recognized as sound in Europe and will train up a generation of Joneses, Colebrookes and Wilsons. But it will take a long time, for modern scholarship is a hard mistress to serve, and demands an intellectual equipment, a range of knowledge, and a standard of accuracy far beyond the reach of the typical Maulvi or Pandit. Until that ideal has been realized we must content ourselves with the useful if inconspicuous work that we do now—collecting manuscripts and publishing texts, furnishing the material which European scholars will work up. In this matter we have the great advantage of being on the spot. Another line of possible activity is antiquarian research in which the man on the spot has an obvious advantage over the most laborious student working at a distance. I said above, and I fancy that no one will disagree with us, that in matters of scholarship the centre of authority has now been shifted to Europe. But mere scholarship is not everything. It is only a means to the higher end of reconstructing the life of the past. In working towards this end students of the East have the great advantage

that the present is the past or at any rate is so full of survivals of the past that it forms the only instructive commentary on the written record. Here it seems to me is the most promising field for the future researches of our Society.'

In 1910 Mr. Justice (afterwards Sir Asutosh) Mookerjee said:

'The most important point in connection with the internal administration of the Society during the last year, is the decision about the creation of Fellowships, to be conferred solely in recognition of literary and scientific work. It cannot be denied that a membership of the Asiatic Society does not import any recognition of original work, and as such, has little or no attraction to the modest scholar whose main object is the advancement of knowledge. To alter the constitution of the Society so as to restrict admission only to persons distinguished for research, would obviously narrow the field of supply, and might, indeed, in a brief space of time, prove suicidal. On the other hand, if the prestige and reputation of the Society are to be maintained undiminished, the object can be attained only by the enrolment, as members, of distinguished workers in the different branches of historical, philological, and scientific activity. With the formation, however, of important departments of State, devoted to the furtherance of scientific research in special branches, with the simultaneous increase in the number of special societies for the promotion of different branches of knowledge, and with increased facilities for the publication of original researches of any degree of value and importance, it would be idle to expect that any considerable proportion of the research carried on in this country should, as it was a century ago, be communicated for the first time to the learned world through the medium of our publications. The practical monopoly which we then enjoyed in this respect, has long since disappeared, and if we desire still to attract to our ranks the best amongst the original workers in this country, we must be prepared to create a distinction which would be valued as a recognition of merit by people engaged in the task of widening the bounds of knowledge.'

In 1911 Mr. La Touche said:

'In addition to these publications and collections, which may be said to represent the fundamental and customary work of the Society, especially on its literary side, an attempt has been made to expand its sphere of usefulness by the admission of the general public to lectures, illustrated when possible by lantern slides, on various subjects of common interest. . . . Such is the success that has attended these lectures, and so much interest has been displayed in them by people who, though not members of the Society, are attracted by such opportunities of acquiring some knowledge of subjects unconnected with their

daily avocations, that every effort should be made to carry them on. For many years after the foundation of the Society, its publications were almost the only medium through which the researches of those who gave themselves to the study of the science and literature of this vast country could be given to the world; at least this is true of the greater portion of India. But, with the establishment by an enlightened Government of separate departments, concerning themselves with the collection and co-ordination of facts pertaining to various branches of scientific enquiry, it was inevitable that the publication of these facts should become a function of each Department, and that the Society should, to that extent, be deprived of some of its importance. First the Geologists, then the Meteorologists, Zoologists, Botanists, and Archaeologists, who formerly contributed much valuable matter to the pages of our *Journal*, established their own Records and Memoirs, and for some years the Society has become more and more restricted to the domain of literature. Though I would not for a moment have it imagined that I think that this growing concentration on one branch of knowledge implies any degeneration in the activity or aims of the Society, for the publication of the results of enquiries into the ancient civilization and history of India must be regarded as of the utmost importance; yet I do not see why the equally important results of scientific research should be comparatively neglected. The scientific departments publish the facts; but usually so wrapped up in technical language or in such minute detail that, to the uninitiated, they become either wearisome or perhaps hardly intelligible. And yet it is quite possible to present the essential facts brought to light by these investigations in such a form, that even those who are unacquainted with the methods or with the peculiar dialect employed may be instructed and interested. Our lectures constitute a useful step in this direction; but I should like to see an attempt made to summarize in the *Journal* the results of scientific work performed in this country, so that the information now often buried beneath masses of statistics and other dry and uninteresting matter might be made more appetizing and available to its readers.

In another direction also the Society may perform, if it chooses, a most useful function. That is, in leading public opinion on questions of practical scientific, literary, and even social importance.

A question of pressing importance, in which the Society might exercise a valuable influence on public opinion, is that of the form and method of Education that would be most suitable under the conditions prevailing in India. There is no doubt that serious changes are necessary in the present system, one that has been established in the country by an alien race, anxious to impress Western ideas of culture upon a people whose point

of view differs in many essential respects from their own; and every serious contribution to the discussion that has already arisen with regard to the direction that these changes should take cannot fail to be useful.'

In 1922 Sir Asutosh Mookerjee said:

'But I have heard it urged that we are no longer able to repeat the brilliant record of our earliest years. In this connection I would like to invite the attention of our critics to two outstanding circumstances. In the first place, the pioneers in a new field have opportunities of exploration and discovery which can scarcely if ever recur to their successors, however able and devoted. In the second place, what is perhaps of even greater importance, the lamp which was lighted by our illustrious founder more than a century ago has enabled others to light similar lamps elsewhere, which must necessarily share with ours the glory of dispelling the darkness that envelopes the history of our past. During the last century societies and other institutions have sprung up in Europe and America, as also in Asiatic countries beyond the limits of India, where Ancient Indian History and Culture engage the attention of bands of enthusiastic students and investigators. Many of these institutions are maintained by the State; many again are supported by liberal aid from the public funds, while others flourish by reason of private munificence.'

In 1924 Dr. Annandale said:

'We are told that this is due to the strenuous life of the present age as compared with the leisure of the past. The life of the present day with its constant journeys and junketings is not conducive to study or application, but we must remember that if life was less strenuous a century ago it was also much more difficult, not merely in material things, but in all the apparatus of learning. . . .

The times are difficult for Oriental scholarship in India. We are at the parting of the ways and only the confirmed optimist can be quite sure that we are even in a state of transition. The greatest Greek scholars were never natives of Athens, Latin scholars of Rome or Egyptian scholars of Cairo: scholarship in Calcutta must prove itself an exception to the rule. I am always expecting great things of Indian scholarship, but must confess myself disappointed with much of the indology of India. Good work is done, but there is little true imagination or originality and progress is delayed, not accelerated, by wild extravagance, by the readiness with which those in authority accept a low standard and by the good-natured but injudicious praise of scholars abroad to whom Indian scholarship comes as a surprise, as a new thing from which too much must not be expected. There can be only one ultimate standard for true

scholarship; is it sound or is it not? Praise bestowed on research for racial, political or official reasons is an insult to true learning, not a compliment.'

In 1925 Sir Rajendra Nath Mookerjee said:

'We are proud of this achievement but we should not ignore that there has been a progressive decline in the unique and eminent position which our Society commanded at one time. We recognize and applaud the brilliant work of the French and German savants. I am of opinion that we should make strenuous efforts to reoccupy the pre-eminent place which our predecessors made for the Society. We cannot stand still. We have either to go forward or fall back and give way to younger and more energetic institutions. We have to face the fact that we are no longer so widely known; we are not popular in the literal sense of the word. I have met many highly educated people who have never heard of even the existence of the Asiatic Society of Bengal. Our monthly meetings are poorly attended. . . . If I urge upon you the necessity of a propaganda for popularization of the Society's work I do not ask you to court cheap applause. I want to gather within the folds of the Society all people interested in the advancement of research and knowledge and you cannot get them unless you tell them that you exist and the purposes for which you exist. A feature of the Christmas week in London is a series of special popular lectures on scientific subjects addressed by eminent scientists in language easily understood by the layman. . . . I imagine the abstruse nature of the researches conducted under the Society's auspices attracts only a limited class of people. I have given considerable thought to the problem of broadening the basis of our work and the practicability of effecting a sort of alliance between abstruse scientific research and modern "popular" knowledge. . . . There yet remains to us the vast field of economic and political science in which Indians are now taking great interest but in which from ignorance of facts and of the true history of the past they are in need of help and guidance. India is at present amidst a wonderful industrial renaissance and the Asiatic Society of Bengal can usefully contribute toward a safe and prosperous evolution by carrying on scientific researches and taking the lead in clarifying the laws of economics and guiding future national policies. A study of the economic history of India is urgently needed and I would like to see the Asiatic Society of Bengal taking up the work of investigation and research in this essentially vital and important field. . . . Many of our members are in the same position as myself: they can lay no claim to any deep learning or to the active prosecution of research. They have joined the Society with the feeling that they are assisting in maintaining a leading institution of learning and culture.'

You will now be able to appreciate why I have read to you so many extracts from these Addresses, which not only contain the whole history of the Society and its gradual evolution during the passage of the years, but also an enumeration of all the questions and difficulties which have faced the Society in the past and reasonable explanations and answers to the criticisms which have been made from time to time and which are still being made and with increasing persistence and force.

You will observe, nevertheless, that most of our Presidents have been pessimists. According to them we have been going downhill and becoming more unpopular and less influential for almost a hundred years. Yet somehow or other we have survived and have regularly and periodically renewed our strength and activity.

The history of every kind of association discloses a struggle between the conservative forces and the forces of change. During long periods the former are in the ascendent, in others, such as the present age of rapid transition, the demand and the necessity for change is strong and insistent, and survival depends upon the wisdom and capacity and rapidity with which difficulties are faced and readjustment to the new environment is effected.

The first thing to realize is that it is useless to bemoan the loss of a past which cannot by any possibility be restored. This Society was once unique. It was a Society of British officials who, as amateurs, were pioneers in the study of the Orient. For many years they were in sole possession of a rich and virgin soil. From its loins sprang many learned bodies and its activities were a source of inspiration to many learned men and industrious workers in the realms of Oriental scholarship. To-day the work which it initiated is shared with hundreds and thousands of Societies, Government Departments, Universities and individual workers in Oriental study and research, all over the world. That unique position has gone for ever and cannot by any means be restored. We have to share the limelight and be satisfied at the very most with a position of *primus inter pares*.

The next point to appreciate is that we have always, apparently, aimed at remaining a Society of amateurs digging in a wide and unrestricted field. The world, or at any rate not less than the whole of the Oriental world, has been our oyster. Our aim has always been broad culture and the encouragement of every kind of scholarship and research within the boundless scope laid down by our illustrious founder. But the present is not only an age of exact scholarship, but of narrow and concentrated specialization. We cannot as amateurs hope to compete with experts or in subjects which have become severely specialized, nor can we hope to attract for publication in our journals the work of specialists who are members of specialist bodies with high-class publications of their own. The specialist's aim is to

have his work circulated among his fellow-specialists, who are more likely to read the publications issued by those bodies to which they all belong. It seems to me quite obvious that we ought in some directions to limit the scope of our enquiries and concentrate upon those studies which have not yet been made subjects of specialization, and upon those which depend upon local, that is to say oriental, research and investigation in which we have a distinct and irremovable advantage over other investigators. In other directions, on the contrary, we ought to extend our scope and include in our activities the study of new problems, social and otherwise, affecting the people and the countries of the Orient. We cannot stand still. As old questions are resolved they must be replaced by new ones, otherwise we shall sink, slowly or rapidly, until we cease to be anything more than caretakers of priceless books and manuscripts.

The reasons suggested by various Presidents for the disappearance of the British official amateur were, in my opinion, wide of the mark. His work and his interest ceased when he realized that he could not compete with experts. There is no longer any room for amateurs.

Our amateur status is responsible also for the form of our constitution and organization. Much has been done during the last three years to improve our organization. But I am not yet satisfied that we have discovered the real fault. The upheaval and the criticism which initiated the enquiry into the condition of the Society and the hard work which was the result, have all been paralleled in past years. The phenomena recur apparently in every generation or even shorter periods. I believe that these periodic difficulties also are due to changes in personnel and environment and a conservative disinclination to make any drastic changes, however much the signs indicate that something more fundamental than minor adjustment is needed. I am beginning to wonder whether in face of the gradual disappearance of amateur workers, the control and direction of the Society by amateurs is any longer suitable, and whether the examination of and decision upon every petty detail of our work and organization by a Council of 20 can be regarded as a businesslike method of conducting the affairs of the Society. The scholarly and scientific work of the Society is no longer done by amateurs and dilettanti, but by experts in Government Departments, University Professors and specialists in one or other subject of study. Efficient organization nowadays is a matter of special gifts, training and experience and ought to be in the hands of a thoroughly competent and well-paid Secretary subject only to general supervision.

Next come the questions of popularity and publicity. It will be seen, from the extracts which I have read, that the complaint about unpopularity is almost as old as the Society itself. The attendance at monthly meetings has never been

much larger than it is now and the attendance at our Annual Meetings and lectures is much larger than ever before. Our publications are in many ways better than they have ever been. What I may call our normal membership has been the same for many years, and must, for financial reasons if for no other, be sustained, but it is doubtful whether it can be much increased. After all is said and done, this is a learned Society, and its membership must be restricted to persons of culture, whether general or special, and the number of such persons is limited. On the other hand, there are doubtless some who have not yet thought fit to join our ranks, and efforts should be made to bring them in. The cost of membership seems always to have been something of a stumbling block and some further attempt should be made to solve this difficulty. Our lectures have been a success and should be extended and there ought to be more opportunities for informal discussion among our members than there are at present. I think it is a mistake to read both scientific and other papers at the same ordinary meeting, and I am doubtful whether, in normal times, the earlier hour of the Society's meetings has been an advantage. Learned discussions in daylight and immediately after the day's drudgery are apt to be somewhat uncongenial. The Annual Dinner might be revived.

All these matters require very careful consideration and I do not think that we can do better than adopt the plan which was successful regarding the question of re-organization, and appoint a special enquiry committee to deal with the wider and much more important problem of our cultural activities and the future of the Society. Personally, I have now reached definite conclusions. I think that we should relinquish the pretence that we are still a Society of amateurs and aim at creating a Society of experts, of men distinguished for exact scholarship, supported by a general membership of persons of general culture. I think that this object will best be attained by a development of our Fellowship Roll, but I would try to obtain the assistance and advice of a number of men outside our membership who are distinguished in scholarship, in order that our decisions will be such as to appeal to and attract such men to our membership in increasing numbers. Thus and thus only can we regain our reputation and prestige as the premier learned Society in the East.

Your Excellency, Ladies and Gentlemen, I need hardly tell you how grateful I am for the honour which you have bestowed upon me by electing me as your President during the last two years, and I desire to express my personal thanks to Your Excellency for so graciously presiding at our Annual General Meeting.

JOHN LORT-WILLIAMS.

PATRON'S ADDRESS

SPEECH BY HIS EXCELLENCY SIR JOHN ARTHUR HERBERT,
GOVERNOR OF BENGAL, AT THE ANNUAL MEETING OF
THE ROYAL ASIATIC SOCIETY OF BENGAL, HELD ON THE
2ND FEBRUARY, 1942.

‘MR. PRESIDENT, LADIES AND GENTLEMEN,

Let me first congratulate the retiring President, Sir John Lort-Williams, on the successful achievements of the past year and welcome to office of President, Dr. Fox, who needs no introduction from me. As a Fellow of the Society and Director of Geological Survey of India, he is well known to us all. He has also done much to help the war effort through his researches in the mineral resources of the country including mica.

During the past year the Society and the world have suffered a great loss through the passing of Dr. Rabindra Nath Tagore, Special Anniversary Honorary Member of the Society. The death of Prof. Lanman, Sir George Grierson and Sir James Fraser, Honorary Fellows of the Society, means the loss of distinguished men who have given greatly to the Society and the cause of learning.

The loss of Sir Ganganath Jha, Honorary Editor of “Manu Smriti”, and Shams-ul-Ulama Dr. Hidayat Hosain, Editor of the Catalogues of the Society’s Persian and Arabic Manuscripts, is a loss also to oriental scholarship. We also mourn the death of one who was loved by all who knew him, the Maharaja-dhiraja of Burdwan.

Since I last addressed you two years ago the war has become appreciably nearer India and in fact appears rapidly to be approaching a crescendo of violence. The Germans on their side are boasting to making total war. They are proud of throwing everything into the scales against us, and to achieve their purpose they have made science and the arts serfs of the god of war. If we consider the condition of the arts in Nazified Germany we must realize immediately how much is denied to those people whose life has under Nazi rule become completely circumscribed and regimented. The works of some of the great men who helped to make Germany famous for its scholarship and artistic achievement are in certain cases no longer available to the inhabitants of the Third Reich.

The expulsion of many scientists, doctors and men of letters whose names are legion has been symptomatic of the repression of all freedom of thought and opinion in modern Germany. The prosecution of Neimöller is typical of the German attitude

towards religion and of the determination of Hitler and his satellites to keep the church in chains of political servitude. Even the great men of the past are not respected. The ban on the fruits of such great and noble intellects as Heine and Chopin, to name only two, must make even the fanatic Nazi aware of his intellectual captivity to Hitlerdom.

Germany, which in the past centuries was known as a land of music and of learning, where the arts were given enthusiastic encouragement, has become under Nazi rule nothing but a Parade Ground on which Nazi hordes stamp and strut, whose temple is now an arsenal wherein are worshipped the arts of destruction.

I dread to think of the result of this denial of truth to so many. I dread to think of a generation devoted to blood and war, spurning all creative art, ignoring both past and future and only looking to the present task of destruction. For this very reason and even more to prepare for the days after the war it is essential that all should play their part in preserving the beauties of ancient art and continuing its study.

Democracy assures to men of arts and letters that independence of spirit which is the pre-requisite of true culture, yet war inevitably hampers their work. This Society has naturally been affected. Now that the war is closing in upon us in India the Society, looking to the future, has taken steps to safeguard its most valuable manuscripts and historical objects by sending them to Benares and elsewhere.

Incidentally I have been happy to have the opportunity of housing some of your pictures in Darjeeling, and if I have the occasion this year of going to Darjeeling they will be under my own eye. You may recall that I had the honour of bringing back to you from London the famous Bhowal Plate. The new phase of the war has placed more of your possessions in my custody. In fact, it seems that I am to have the honour of being the Society's Honorary Curator.

The cost of insurance, packing, freight, etc., has already amounted to Rs.7,000 and the total sum involved will be considerably more. This Society has to depend on the good will of scholars and public-spirited men devoted to the advancement of civilization and has no large funds at its disposal. The heavy burden of the extraordinary expenditure forced upon the Society by the exigencies of war must be met by some special means. I ask you, therefore, for further donations to the Society to ensure the safe custody of its ancient treasures and for the continuation of its valuable work. So as to start a subscription list I myself am giving Rs.500 towards this end.

The members of the Society are believers in the successful development of the true arts and it is our duty to maintain the treasures of the past for the benefit of future generations.

It is for this that I appeal for donations to the Society in the sincere hope that my contribution will be followed by others.

It is gratifying to know that in spite of this financial handicap the Society's work has been pursued with vigour, and that arrears of the last 25 years have been almost completely wiped out and that the *Journal* and the *Proceedings* of the Society are now for the first time since 1917 up to date. The Society will, I know, continue its work undeterred by fears of war. The material accomplishments of the past year, the Lushai Dictionary and the bringing up to date of the Society's *Journal*, are something to be proud of, and I know that I can rely upon you, Mr. President, and the members of the Society to fulfil that task. In so doing you will ensure the maintenance of the Society's international reputation.'

OFFICERS AND MEMBERS OF COUNCIL.

ROYAL ASIATIC SOCIETY OF BENGAL, 1942.

*Elected and announced in the Annual Meeting,
2nd February, 1942.*

President.

C. S. Fox, Esq., D.Sc., M.I.Min.E., F.G.S., F.R.A.S.B., F.N.I.

Vice-Presidents.

Sir John Lort-Williams, Kt., K.C.

The Hon'ble Dr. Syamaprasad Mookerjee, M.A., B.L., D.Lit.,
Barrister-at-Law.

S. K. Chatterji, Esq., M.A., D.Lit., F.R.A.S.B.

Meghnad Saha, Esq., D.Sc., F.R.S., F.R.A.S.B., F.N.I.

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Joint Philological Secretary:—M. Mahfuz-ul Haq, Esq., M.A.

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Other Members of Council.

S. C. Law, Esq., M.A., B.L., Ph.D., F.Z.S., M.B.O.U., F.N.I.

M. Z. Siddiqi, Esq., M.A., Ph.D.

The Hon'ble Mr. Justice N. G. A. Edgley, M.A., Barrister-at-
Law, J.P.

L. R. Fawcus, Esq., C.I.E., I.C.S.

EXHIBITION ANNUAL MEETING.

LIST OF EXHIBITS SHOWN AT THE ANNUAL MEETING OF THE ROYAL ASIATIC SOCIETY OF BENGAL ON THE 2ND FEBRUARY, 1942.

1. THE BANGIYA SAHITYA PARISHAT.

Manuscripts of a few interesting Bengali Works.

(For details of the MSS. cf. C. Chakravarti—*Bengali MSS. in the Bangiya Sahitya Parishat, Sahitya Parishat Patrika*, 48, p.137.)

(1) MS. of an incomplete dictionary of the modern type by an unknown author (1675).

(2) MS. of a small metrical work of lexicographical character giving the meanings of thirty-six words ending in *Khānā*.

The name of the work is *Chatriś Kārkhānā grantha* (2596). It is the work of the joint authors Vaidya Kumal Sen and Subhankara Bhrgurāma.

(3) MS. of a quasi-historical work called *Madaner pālā* (934) which describes how Madan Ray, a zemindar, incurred the displeasure of Nawab Siyesta Khan and was saved through the intervention of Maharak Gazi, whom the zemindar approached on the advice of a Muhammedan officer.

(4) MSS. of a number of Bengali Purāṇas:—

(a) *Mahābhāgavatapurāṇa* (299) of Kailās Vasu of Midnapur. It describes the marriage of Śiva, birth of Kārtikēya, killing of demon Tārakā and Rāvana.

(b) *Kālikāpurāṇa* (906) describing the story of Pārvati up to the birth of Gaṇeśa.

(c) *Kālikāpurāṇa* (1778) describing the exploits of the Mother goddess as found in the *Mārkaṇḍeya Purāṇa*.

(d) *Durgāpurāṇa* (806) describing the arrival of Durgā on the Himalayas and receiving worship there.

(e) *Vālmīkīpurāṇa* (1781) of Hare Kṛṣṇa Dāsa which recounts the story of the early life of Vālmīki, when he is stated to have been known as Vṇḍā, the demon.

2. DR. D. M. BOSE.

I. *Automatic Recorder for Photographically Recording the Diurnal variation of the Pulsatory movement of Desmodium gyrans.*

This apparatus is used to investigate the nature of the pulsatory movements in leaflets of *Desmodium gyrans* with a view to finding out the source of energy of these pulsations. The investigation and the apparatus used are based upon the researches of Sir J. C. Bose, who found a considerable similarity between these pulsations and the heart beats of animals.

The apparatus used consists of an optical lever, one of whose ends is attached to the tip of the *Desmodium* leaflet with a silk fibre,

by means of which a magnified image of the pulsatory movement is recorded on a rotating drum round which a photographic paper is wrapped. Other automatic recorders are used to measure the intensity of the daylight incident on the leaflet and the temperature of the surrounding air.

It is found that—

- (i) when the leaflet stem is kept dipped in tap water, the pulsatory activity of the detached leaflets continues for about 20 days, stopping only for a few hours at night and starting again at sunrise;
- (ii) if the leaflet is kept in the dark the movement completely stops after a few hours;
- (iii) if 1% glucose is added to the tap water, the leaflet will, when kept in the dark, resume its pulsatory activity and for a few days even continue nearly through the whole day and night;
- (iv) the best results are obtained when the leaflet stem is kept in the glucose solution and is exposed to daylight—under such conditions the pulsatory activity continues during the entire twenty-four hours for several days.

The conclusions drawn are that the energy of pulsatory activity in *Desmodium* leaflets is due to the combustion of the carbohydrate produced in the leaflet photo-synthetically under the action of sunlight. In the dark the introduction of glucose through the solution can replace the photo-synthetically produced carbohydrates in providing energy by combustion by which the movement is maintained.

II. *Photographs of Cosmic ray showers of different types taken with a continuously working Counter controlled Wilson cloud chamber.*

With the apparatus used, penetrating cosmic ray particles which pass through 10 cm. of lead placed on the top of the chamber and through the cloud chamber energises a number of Geiger Muller tubes, by means of which relays are actuated enabling the tracks of cosmic ray particles to be photographed. A lead plate 2.2 cm. thick is placed across the cloud chamber. The behaviour of the ionizing particles incident on the upper side of this plate give an indication as to their nature. If the tracks are absorbed or give rise to a shower of fresh tracks starting from the lower side of the lead plate, then they are due to ordinary electrons. If however the particles penetrate through the plate without producing any secondaries, they are most probably due to heavy electrons (mesotrons of mass 200 times that of the soft electron). The present investigation is concerned with the origin of these mesotron showers.

Photographs are exhibited, showing the ionization tracks due to (i) extensive air showers, (ii) showers produced in the lead plate inside the chamber due to a primary soft electron, and (iii) of mesotron pairs and multiples.

3. MR. H. K. BOSE.

Standing Image of Vishnu.

(11th century A.D. Later Pālā Period.)

Upper part of a standing image of Vishnu engaged in meditation. The right upper hand is holding a club and the right lower hand

resting on a lotus is in the posture of offering boon. The left upper hand holds the wheel and the left lower hand also resting on a lotus holds the conch shell. The upper hands and the forearms are artistically curved. The usual 'Kirtimukhā' at the top and the flying pairs of 'Vidyadhārās' are curved on the top of the black slab. It is made of slate. The modelling of the rest of the figure is dry.

It was found recently while re-excavating a pond at a depth of 18-20 ft. near Nagarguchi, said to have been the traditional capital of Nagar Rajah about whom no historical data are forthcoming. The place is close to the cremation ground of village Jajur, Thana Haripal in the Hooghly district, Bengal. Some other sculptures of about the same period have also been found years ago while excavating another pond in its neighbourhood but they are too fragmentary to be exhibited.

Identified by Rai Bahadur Ramaprashad Chanda.

4. MR. PERCY BROWN.

Small copper gilt figure from Tibet.

This figurine depicts the Green Tara, a canonized representation of Bhri-kuti the Nepalese consort of Srin Tsan Gampo, one of the greatest kings of Tibet, who reigned in the seventh century. It is a votive figure evidently intended to be fixed on a ledge, or attached to a shrine, as a sacred contribution to a Nepalese temple. The date of its production might be the fifteenth or sixteenth century, and in its pose and workmanship it is one of the best of its kind. As a proof of its artistic character the graceful curves of the body and of the figure as a whole proclaim it as superior to most of the stiff conventionalized images of this school.

5. MR. A. K. MITRA.

Head of a figure of the Gupta Period.

The head, probably of an attendant figure of an image of the Gupta period (5th or 6th century, A.D.). Though sadly damaged, it retains some of its original plastic beauty. The face seems not carved by chisel, but to have issued spontaneously out of the stone. Though wearing the expression of contemplation, it is lit up by a smile indicating tranquil pleasure.

Provenance—Village near Sarnath, Benares.

Identified and described by Rai Bahadur Ramaprashad Chanda.

6. THE ROYAL ASIATIC SOCIETY OF BENGAL.

I. Books Published by Members of the Royal Asiatic Society of Bengal and obtained by the Library of the Society in 1941.

N. B. Roy: The Successors of Sher Shah.

do Humayun Nama.

Kalidas Nag: India and the Pacific World.

O. Berkeley-Hill: All too human.

K. N. Dikshit: Annual Report, Archaeological Survey, 1936-37.

N. C. Vedantatirtha: An Introduction to the Vaisesika System.

do An Introduction to the Advaita Vedanta System.

do Nyayadarsaner Itihasa.

Gangeya Narottama Sastri: Karuna-tarangini (Hindi).
 Benoytosh Bhattacharya: Sakti Samgama-tantra, Vol. II.

11. The Society's Publications in 1941.

(1) Journal:—

(a) Letters, (b) Science, (c) Year-Book.

(2) Bibliotheca Indica:—

- (a) Arabic and Persian.
- (b) Sanskrit.
- (c) Tibetan and English.
- (d) English Translations.

(3) Catalogue of Manuscripts:—

Vernacular.

7. THE ROYAL BOTANIC GARDENS, CALCUTTA.

Rhododendrons and other important plants.

Exhibit I.

The beauty of the *Rhododendrons* of the Sikkim Himalayas attract many naturalists to the neighbourhood of the everlasting snows, where these plants flourish. Here are the coloured illustrations of eight commoner species:—*Rhododendron barbatum* Wall., 10,000 ft., flowering in April; *Rhododendron Edgeworthii* Hook. fil., 7,000–9,000 ft., flowering in May-June; *Rhododendron fulgens* Hook. fil., 12,000–14,000 ft., flowering in June; *Rhododendron Campbelliae* Hook. fil., 9,000–10,000 ft., flowering in April-May; *Rhododendron Thomsoni* Hook. fil., 11,000–13,000 ft., flowering in June; *Rhododendron Wightii* Hook. fil., 12,000–14,000 ft., flowering in June; *Rhododendron lancifolium* Hook. fil., 10,000 ft., flowering in April-May; *Rhododendron Dalhousiae* Hook. fil., 7,000–9,000 ft., flowering in April-July.

Exhibit II.

(1) *Mammillaria conopsea* Scheidw.—This plant was introduced from Mexico during the early period of the Gardens by the East India Company. This plant is actually growing in the original Chinese vase in which it was brought through the East India Company more than 100 years ago.

(2) *Haworthia attenuata* Haw.—This plant was obtained from Friedrich Adolph Haage, Germany, in 1926 and is kept growing in the Gardens successfully since then.

(3) *Adiantum tenerum* Farleyense.—This is a sterile fern introduced from West Indies. This fern has been propagated by divisions after acclimatization in the Gardens for years.

(4) *Adiantum Lathomii* Hort.—A variety of special sterile sports from Lathom which was grown in the Gardens. This can also be propagated by divisions only.

(5) *Gymnogramma calomelanos* chrysophylla.—This is a common West Indian gold fern.

(6) *Araucaria Cunninghamii* Sweet.—This is an Australian plant which has been propagated from layering. This plant has been kept growing in the pot for over 60 years. This curious prostrate variety is totally different from the usual giant trees of *Araucaria Cunninghamii*.

(7) *Zamia floridana* A.DC. Ins. Baham.—This rare plant belonging to the family of Cycadaceae is raised from seeds and is acclimatized in the Gardens.

(8) *Acorus Calamus* Linn.—This species of important medicinal plant has been gathered from the swampy region along the borders of Nepal and Sikkim Himalayas at an altitude of about 4,000 ft. by Dr. K. Biswas during his exploration along the border of Nepal and Sikkim last autumn.

(9) *Cinchona succirubra* and *Cinchona ledgeriana*.—These two plants have been obtained from Mungpoo Plantation, Darjeeling, in order to make an attempt towards acclimatization of these two well-known quinine plants.

(10) *Derris elliptica* Benth.—This is the insecticidal plant of commerce. The roots are also used as fish poison. The active principle of this plant is rotenon.

(11) Some fibre plants.—Experiments have been carried on last year and are being continued this year as well on some fibre yielding plants, such as *Broussonetia papyrifera* Vent., *Linum usitatissimum* Linn., *Adansonia digitata* Linn., *Boehmeria nivea* Gaud and *Agave sisalana* Perr. ex Engelm. The fibres of these plants although extracted by crude method are still sufficient to show the high standard of the fibres of these plants which might be grown on a commercial scale with advantage in the suitable parts of Bengal.

(12) Some Orchids and cut flowers.

8. THE SANSKRIT SAHITYA PARISHAT.

List of the Manuscripts.

- (1) *Kṛtyakalpataru*, by Lakshmidhara.
- (2) *Bāraruca Vritti*—Com. on Kātantra.
- (3) *Pānigrahaṇādivivēka*.
- (4) *Ākhyātapradīpikā*.
- (5) *Rasendrakalpadruma*.
- (6) *Dattakatilaka*.
- (7) *Kṛtyatatwārṇava*.
- (8) *Pravā*, by Vaidyanath Bhatta.
- (9) *Pancharakshā*, etc.
- (10) *Sārasarasvatī*.
- (11) *Sārīrakamīmāṃsābhāṣya*.
- (12) *Devīmāhātmyamanjari*.
- (13) *Nirudapasubandha*.
- (14) *Mahābhārataṃ* (Sāntiparvan).
- (15) *Kīchakavadha*, by Nitivarman.

9. MR. S. S. SARKAR.

Human Twins from a hereditary point of view.

Human twins are usually of two kinds: (1) Identical or monozygotic; they are always of the same sex and are similar to one another in a large number of morphological and physiological characters. They are believed to develop from the early fission of a single egg into two halves. (2) Non-identical or fraternal or dizygotic; they may be of same sex or of different sexes. They differ from one another like ordinary brothers and sisters. They develop from the almost simultaneous fertilization of two different eggs.

As a rule dizygotic twins are born more frequently than the monozygotic ones, the ratio being about 1:4. Nothing is known of its

frequency in India. In Ceylon twins are born once in 160 births. In Germany its ratio is 1 in 85, in United States 1 in 86.

The hereditary nature of twin births will be evident from the two pedigrees exhibited here. The mode of inheritance is still a problem. It has been a matter of expert controversy, in which authorities differ, whether the two types of twinning, namely, monozygotic and dizygotic, are expressions of the same hereditary factor or different expressions of two different hereditary factors. Present researches in this country and the two pedigrees exhibited here indicate that they are linked up with one another and are possibly expressions of the same hereditary factor. Further data on this line are being collected in Bose Institute, Calcutta.

Exhibits :

(1) Pedigree I, collected from the district of 24-Perganas, Bengal, belonging to the Pod caste. The family shows 9 pairs of twins the sex combinations of which are:— 2 males—2; 2 females—3; 1 male and 1 female—4.

(2) Pedigree II, collected from various villages of the district of 24-Perganas, Bengal, belonging to the Kumhar caste. The pedigree shows the details of 4 clans bound up by intermarriage. There are a total number of 9 twin births the sex combinations of which are:— 2 males—2; 2 females—5; 1 male and 1 female—2.

(3) Plate I showing 3 pairs of identical twins and 3 pairs of non-identical twins.

(4) Plate II showing a trizygotic triplet, the right hand of one being first born. The sexes of the triplet are from the right, female, female, male.

10. MR. W. D. WEST.

Lapis-lazuli, Kokcha valley, Badakshan, Afghan-Turkestan.

The best and most famous mines are situated in Badakshan, in the north-eastern corner of Afghanistan, in the upper reaches of the Oxus. They were visited and described as far back as 1271 by the celebrated Venetian traveller, Marco Polo. The stone used to be sent to Bokhara, and from thence to the fairs of Nizhniy Novgorod, where it was distributed by the merchants assembled there to all parts of the world. These mines are not at present being worked, but the stone can still be purchased in Kabul from the State authorities, the best quality costing £20 per kilogramme.

In addition to its use in mosaics and costly ornaments, it used to be powdered to produce the rich and durable paint called 'ultramarine', but has now been replaced by the artificial product.

Its colour is due to the presence of the mineral lazurite (derived from the Persian word 'lajward'). It sometimes contains flecks and streaks of golden iron-pyrites, a variety which was compared by Pliny to the 'star-bedecked firmament'.

11. THE ZOOLOGICAL SURVEY OF INDIA.

Casts of Tasmanian and Australian Skulls.

Exhibits I, II, III, and IV.

Plaster casts of skulls of a Tasmanian male and a Tasmanian female in the collection of the Anthropological Laboratory, Z.S.I.,

obtained from the Australian Museum on the 11th February, 1887, the cranial indices being 73.4 and 75.4 respectively. The Tasmanians were medium-headed (C.I., 76-77), as compared to the Australians of which Exhibit III from New South Wales is an excellent example. Exhibit I, the Tasmanian male, has an ovoid shape looked at from above, and Exhibit II, the Tasmanian female, is also ovoid, as contrasted with the harmonious ellipsoid form of the pronouncedly dolicho-cranial Australian, Exhibit III. The two Tasmanian casts also show a more pronounced upward development of the frontal bone than is the case with the Australians with their remarkably retreating forehead.

The Australian skull III, exhibits a small epipteric bone on the left side, and a frontal process of the temporal bone prevents the meeting of the parietal bone and the great wing of the sphenoid on its right side. The squama and the nuchal parts of the occipital bones meet in a sharp angle in all the three specimens, which alike show an occipital torus in more or less pronounced form. The dental arch is ellipsoid in form in the three specimens.

The Tasmanian face has also much in common with the Australian. There are the same narrow forehead, the pronounced supra-orbital arches, the prominent zygomatic arches, and the broad nasal skeleton. Only in some of the Australians the stouter and more pronounced development of the lower part of the forehead, gives the race a Neanderthaloid appearance, though they are certainly to be counted among the varieties of *Homo Sapiens recens*. The men were 166 cm. high and the women 150 cm., slightly shorter than the Australians in average.

In spite of these resemblances the Tasmanians differed from the Australians in one very important feature, viz., their black hair was not wavy like that of the Australians, but woolly like that of the Malanesians. Another characteristic feature was the strong fold which descended laterally from the proximity of their nose to the outer corner of their broad mouth. Racially, as well as linguistically, their affinities were with the Malanesians, though they must be regarded as a specially inbred type.

Unfortunately, the Tasmanians are known to us to-day from their scanty skeletal remains, photographs and descriptions. Tonkanini, the last Tasmanian woman, died in 1877. 74 years after the island was colonized by the European settlers. At that time, 8,000 Tasmanian males were stated to be living. By 1854 their number was reduced to 16 males only, the last of them dying in 1865. Our best account of them is from the writings of the explorer Cook, in 1777.

It is curious how these people had reached Tasmania from the Malanesian archipelago without contacting with the Australians. Unlike the latter they had no boomerangs, their artefacts being of the Paleolithic type. They went about naked, had no bows and arrows, no pottery nor agriculture. They lived as collecting nomads on their floats on the rivers, subsisting mainly upon fish and molluscs.

For purpose of comparison a cast of the Neanderthal (Neander Valley) skull from Düsseldorf, western Germany, is also exhibited (Exhibit IV).

ANNUAL REPORT FOR 1941.

The Council of the Royal Asiatic Society of Bengal has the honour to submit the following report on the state of the Society's affairs during the year ending the 31st December, 1941.

The development of the War and more particularly the deterioration in the international situation in the latter part of 1941 seriously affected the activities of the Society and caused additional expenditure in safeguarding the rare and valuable collections and possessions of the Society which strained our slender resources to the utmost. It is satisfactory to note however that in spite of these handicaps, the work of reorganization and reconstruction recommended by the Special Enquiry Committee of 1939 was continued throughout the year and great headway was made. The details of this work are given in the following pages and special mention need only be made of two matters of importance, namely, that the arrears in the publications of the Society of the last two decades have almost been wiped off and the Journal and Proceedings have been brought up-to-date for the first time since 1917. Also, the practice of levying a proportionate share from the funds administered by the Society towards its general expenditure has been discontinued and an attempt has been made to meet the normal expenses of the Society out of its own income by observing strict economy and carefully checking all expenditure.

The Society shared in the great loss suffered by the nation in the passing of Dr. Rabindranath Tagore, Special Anniversary Honorary Member of the Society. The deaths of Prof. Charles Rockhill Lanman, Sir George Grierson and Sir James Frazer, Honorary Fellows of the Society, have removed from the world three of the most distinguished savants whose services in the cause of learning are irreparable. Similarly the deaths of Sir Ganganath Jha, Honorary Editor of "Manu Smṛti" in our Bib. Ind. Series, and Shams-ul-Ulama Dr. Hidayat Hosain, Editor of the Catalogues of the Society's Persian and Arabic MSS. and sometime its Jt. Philological Secretary, have left a great void in the world of Oriental Scholarship which it will be very difficult to fill. The Society also mourned the death of Maharajadhiraja Sir Bijoy Chand Mahtab of Burdwan who was for sometime one of our Vice-Presidents and whose breadth of mind and humane qualities endeared him to all who knew him.

Ordinary Members.

Gains and Losses.—These were as follows :—

<i>Gains.</i>		<i>Losses.</i>	
Elections carried forward ..	10	Lapses of election ..	12
New Elections ..	30	Elections carried over ..	5
		Deaths ..	6
		Resignations ..	5
		Rule 38 ..	6
		Rule 40 ..	11
TOTAL ..	40	TOTAL ..	45

Initial total 387; net loss 5, final total 382.

Rule 38.—This Rule concerning members whose subscriptions are in arrears, was strictly applied and the names of 6 members were removed from the roll.

Membership List.—The annual detailed checking of the membership list with the membership card index was made.

Life Members.—The number of our Life-Members at the end of the year was 58. One was lost by death; two members compounded during the year.

Deaths.—Among the distinguished and specially valued members lost to us, whose memory will be cherished, and for whose departure the Society is the poorer, the following may be mentioned:—

1. Maharajadhiraja Sir B. C. Mahtab (1911).
2. Dr. M. Hidayat Hosain (1911).
3. T. P. Ghose (1912).
4. Dr. M. E. Sufi (1937).
5. Mr. G. S. Dutt (1933).
6. Dr. S. K. Mukherjee (1927).

Associate Members.

We lost by resignation the following:—

L. S. Dugin.

The present number is 6, the statutory maximum is 15.

Ordinary Fellows.

On the date prescribed by the regulations for the issue of nomination papers for the election of Fellows there were no vacancies, consequently no election of Ordinary Fellows has taken place.

We lost through death the following:—

Dr. M. Hidayat Hosain.

At the end of the year the number was 48, the statutory maximum is 50.

Honorary Fellows.

We lost through death the following:—

Charles Rockwell Lanman (1896).

Sir George A. Grierson, K.C.I.E., O.M., Ph.D., D.Litt., LL.D.,
F.B.A. (1904).

Sir James Frazer, Kt., D.C.L., LL.D., Litt.D., (1920).

The number at the end of the year was 18; the statutory maximum is 30.

Special Anniversary Honorary Members.

Owing to the death of Dr. Rabindranath Tagore there remain only 9 Special Anniversary Members elected on the occasion of the Society's 150th Anniversary.

Condolences.

The Council sent letters of condolence to the relatives of the following:—

Dr. Rabindranath Tagore.

Dr. Sushil Kumar Mukherjee.

Maharajadhiraja Sir B. C. Mahtab.

Sir Ganganath Jha.

Shams-ul-Ulama Dr. M. Hidayat Hosain.

Council.

The Council met 12 times. The attendance averaged 12.

The following resolutions of thanks were passed by the Council:—

To Dr. N. N. Law for presenting to the Library of the Society the 1940 issues of the Indian Historical Quarterly.

To the Government of Bengal for the restoration of the 20% cut in a monthly grant of Rs.250.

To the Benares Hindu University for the storage of the Society's Manuscripts in the library of the University.

Office Bearers.

Changes in the Council were as follows:—

Sir S. Radhakrishnan, absent from 1st July and resigned on 4th August.

Major C. L. Pasricha, absent from 15th March to end of the year.

Sir John Lort-Williams, absent from August to November and
Col. Sir R. N. Chopra officiated for him.

Dr. Bains Prashad, absent for 10 days in February, and Major
C. L. Pasricha officiated for him, again for 10 days in May and
2 weeks in November and Dr. B. S. Guha officiated for him.

Dr. B. S. Guha, absent during October and Dr. Kalidas Nag officiated for him.

Col. Sir R. N. Chopra, absent from November till the end of the year.

Committees of Council.

The Standing Committees of Council, namely, the Finance, Publication, and Library Committees, met monthly, with the exception of the recess month of October. A special meeting of the Finance Committee was held in December to consider the Budget for 1942.

The following Sub-Committees were appointed:—

(1) A Sub-Committee consisting of the Ex-Officio members, the Library Secretary and Mr. A. R. Foster to discuss methods of preservation of old records and MSS.

(2) A Sub-Committee consisting of Dr. Kalidas Nag, Dr. M. N. Saha, Dr. J. N. Mukherjee and the Ex-Officio Members to define the duties of the Assistant Secretary.

Office.

The measures undertaken in the previous year for ensuring greater efficiency and more expeditious handling of office matters were continued and stricter observance of punctuality by the staff and closer scrutiny of all expenditure were enforced. The confusion and lack of system found in the records and files of the Society could not however be fully cured, though good progress was made in sifting and classifying all past correspondence according to subject matter and date. Among other necessary reforms were the introduction of a proper system of purchase and supply of stamps and a stamp book which is checked periodically by the General Secretary and the Treasurer. It is to be hoped that with the purchase of a franking machine recently sanctioned, complaints of non-receipt of packages, etc., will disappear. Similarly a stationery book has been introduced with a record of all office stationery issued to the staff.

In order to regularise the purchase and supply of office requisites a requisition book and an order book are now kept and each section is required to send in a list of its requirements in proper form at the beginning of each month, and supplies are then issued from stock or obtained from outside on approved quotations.

In conformity with the practice adopted by the Government and other public institutions, Bengal time is now observed. The office hours of the Society are from 10 a.m. to 4-30 p.m. on week days (Saturdays 10 a.m. to 1-30 p.m.) and the library hours are from 10 a.m. to 5-30 p.m. on week days (Saturdays 10 a.m. to 4-30 p.m.).

There has been little change in the personnel of the staff except that the first Pandit Aghornath Bhattacharya retired after serving the Society for 19 years. In his place his son Pandit Girija Nath Bhattacharya, B.A., who had been serving as an

apprentice for over eight months was appointed on probation at Rs.50 per month in the junior scale as from 1-5-1941.

The services of Mr. J. C. De, Asst. Secretary, were transferred to the Library with effect from the 1st of December, 1941 after the expiration of the period of six months' extension of his services granted to him on 30-5-41, and Mr. P. O. Matthai, Librarian, was appointed as Superintendent of the office. These steps were taken as experimental measures for six months in the first instance without making any change in their existing salaries and emoluments.

Correspondence.

In spite of the War the numbers of letters received and issued during the year were 2,559 and 2,339 respectively. Of letters received 600 were book orders, bills and bank acknowledgment receipts; 375 letters were issued in addition to those which needed replies. 200 Council circulars also were issued during the year.

Stock Rooms.

The re-arrangement of the stock rooms on the ground floor was continued.

The stock-taking of all saleable publications of the Society has been completed and they have now been tied up in small bundles, arranged and classified under three main heads, namely (a) *Miscellaneous publications* consisting of catalogues and notices of Sanskrit Manuscripts, Centenary Reviews, Proceedings of the Indian Science Congress for the first twenty-five years and other miscellaneous works, (b) *the Society's own Periodicals* including the valuable and rare Asiatic Researches; the Journal, old series, from Vol. 1-75, 40 volumes of the Proceedings, of the Society from 1865-1904, the Journal and Proceedings, new series from 1905 to 1931, Memoirs and the third series of the current issues of the Journal and Proceedings, and (c) the publications of the *Bibliotheca Indica Series* consisting of 263 separate works of about 1,800 different fascicles and divided into (i) Arabic works on Islamic culture, (ii) Persian works on Islamic culture, and (iii) works on Sanskrit and Tibetan and tribal languages such as Lushai and Kui. Separate registers have been prepared for each section and printed labels placed on every shelf giving the exact number of available copies.

Rules and Regulations.

No changes were made in the Rules and Regulations except the addition of new clauses in place of Regulation No. 17 of the Provident Fund Regulations of the Society with a view to bringing them in conformity with those of the Government and other public bodies.

Representations.

Indian Museum.—The Society's representative on the Board of Trustees of the Indian Museum, under the Indian Museum Act X of 1910, was Sir U. N. Brahmachari till November who was replaced by Dr. J. N. Mukherjee.

Kamala Lectureship.—The Society's nominee to serve on the Selection Committee of the Kamala Lectureship, administered by the Calcutta University, continued to be Dr. Baini Prashad.

National Institute of Sciences of India.—The Society's representatives to serve on the Council of the National Institute of Sciences of India were Mr. W. D. West as Vice-President and Major C. L. Pasricha as member of the Council for 1941.

Sarojini Basu Gold Medal.—The Society's nominee to serve on the Special Committee for the award of the Sarojini Basu Gold Medal administered by the Calcutta University, was Prof. V. Vedantatirtha.

Royal Asiatic Society of Great Britain and Ireland.—The Society's nominee for the corresponding fellowship of the Royal Asiatic Society of Great Britain and Ireland was Dr. S. K. Chatterji.

Indian Historical Records Commission.—The Society's representative to serve on the Indian Historical Records Commission was Mr. C. W. Gurner.

Deputations.

The Society received invitations to send representatives to the various functions of the under-mentioned bodies:—

Silver Jubilee of the Benares Hindu University on 21-1-42.

Fifth Session of the Indian History Congress at Hyderabad on 21st to 23rd December 1941.

Congratulations.

The Council sent congratulatory addresses to Sir Profulla Ray and Sir Nilratan Sircar on the occasion of their 80th birthdays.

Birthday Honours

Khan Bahadur M. Zafar Hasan—O.B.E.

MM. Ganganath Jha—Knighthood.

New Year Honours

Col. R. N. Chopra—Knighthood.

Mr. C. W. Gurner—C.S.I.

Mr. J. P. Mills—C.I.E.

Mr. Percy Brown—M.B.E.

Mr. David Roy—M.B.E.

Mr. J. S. H. Shattock—M.B.E.

Visits.

Among a number of visitors from various parts of the world mention may be made of the following:—

The Lady Mary Herbert.

Prof. Thomas Whitmore, Harvard University, Cambridge, Mass.

Mr. and Mrs. D. M. Donaldson, Aligarh, U.P.

Awards.

Elliott Prize for Scientific Research.—The annual prize offered for the year 1940 was for research in Mathematics. No papers were submitted for competition.

The prize offered for the year 1941 was for Chemistry. An announcement regarding the prize will be made at the Annual Meeting in 1942.

The prize for next year will be for research in Physics.

Barclay Memorial Medal.—The announcement of the (biennial) award of the medal will be made at the Annual Meeting in 1942.

Sir William Jones Memorial Medal.—The (triennial) award for conspicuously important Asiatic Researches in Science, including medicine, was announced at the Annual Meeting in 1941. The medal was awarded to Sir Profulla Chandra Ray, Kt., C.I.E., D.Sc., F.R.A.S.B., F.N.I.

The next award will be announced at the Annual Meeting in 1944.

Annandale Memorial Medal.—The next (triennial) award, for important contributions to the study of Anthropology in Asia will be made at the Annual Meeting in 1943.

Joy Gobind Law Memorial Medal.—The announcement of the (triennial) award for conspicuously important work in Zoology in Asia, will be made at the Annual Meeting in 1942.

Paul Johannes Brühl Memorial Medal.—The announcement of the (triennial) award, for important contributions to the study of Asiatic Botany will be made at the Annual Meeting in 1942.

Indian Science Congress, Calcutta, Prize.—The next award will be made in connection with the next session of the Congress to be held in Calcutta.

Pramatha Nath Bose Memorial Medal.—The Council has not yet decided upon the year in which the initial award shall be made of this medal for conspicuously important contributions to practical or theoretical Geology with special reference to Asia.

Society's Premises and Possessions.

For the purpose of protection screens of flexible material have been fixed on all windows and outer doors in the stock

and library rooms on the ground floor, and for greater facility of access a door has been provided in the eastern stock room leading to the central passage. The cost of these alterations was Rs.815-2-0.

Considerable use was made of the Society's Ica Famulus Camera for photostating, and the camera for microfilming manuscripts and documents. Among others, photostat copies of the manuscript *Malatimadhava* with Harihara's commentary were made for the Bhandarkar Oriental Research Institute and of the map of ancient Kashmir given in Sir Aurel Stein's 'Chronicle of Kashmir' for the Survey of India.

Eight Sanskrit Manuscripts were microfilmed for Dr. Horace Poleman, Director of Indic Studies, who was instrumental in obtaining the loan of the microfilm camera for the Society. Orders were also received from Harvard College Library for microfilming documents and papers. The cost of preparing photostat and microfilm copies unfortunately has increased considerably owing to the heavy rise in the prices of photographic materials.

Artistic and Historical Possessions.

Ten of the most valuable paintings in the possession of the Society were cleaned and the frames repaired and re-gilded at a cost of Rs.140, under the direction of Mr. Percy Brown.

Library.

The re-organisation of the Library, commenced in 1939, was continued. The manuscripts and printed works in the Arabic, Persian and Urdu languages were transferred from the ground floor where they were housed temporarily during the installation of steel almirahs to the Arabic-Persian Room on the first floor, and were classified and arranged in proper order.

After completion of the stocktaking of the general section of the Library mentioned in the Annual Report for 1940, the periodicals and the Journals were taken in hand and the work was finished in April 1941. From the report submitted by Mr. P. O. Matthai it appears that the total number of books in the possession of the Society on 1-5-1941 was 27,397 and the bound volumes of Periodicals numbered 27,029 making a grand total of 54,426. The report disclosed that :—

(1) 481 books mentioned in the catalogue published in 1934 are not traceable and must now be considered lost.

(2) Over 2,000 books were found which did not appear in the catalogue of 1934 although registered and added to the Library before its publication.

(3) Over 3,000 books were found to be worm-eaten and needed attention and re-binding.

(4) Of 904 Periodicals found there is a record of 462 in the only periodical register kept. The rest must be assumed to be either discontinued or extinct.

(5) About 170 periodicals have been added to the Library since the publication of Kemp's Catalogue in 1914.

(6) There are about 3,500 bound sets of Periodicals which require repair and re-binding.

Among the innovations introduced during the year is a loose-leaf register in which leaves containing the names of books are arranged alphabetically according to the author and the subject in two separate sections. This register contains all the necessary information from which complete author and subject catalogues can be prepared. Two separate registers for periodicals, showing which of them have been purchased or received by exchange, or by presentation were introduced and another containing detailed information about the distribution of the Society's publications.

Binding and Repair.—1,238 old damaged and worm-eaten books were repaired and re-bound at a cost of Rs.1,776-6. A large sum has been provided for similar purposes in the budget for 1942.

Accessions.—Exclusive of 167 periodicals, accessions were 155 volumes, of which 40 were purchased and the rest presented. There has been a drop in the number of periodicals received owing to the international situation. The same cause is responsible for the smaller number of books purchased the total amount spent being only Rs.999-11-6 out of Rs.2,000 allotted for the purpose.

Seven new Journals were added to the Library, namely (1) The Journal of the Osmania University, Faculties of Theology and Arts and Faculty of Science; (2) The Bulletin of the Deccan College Research Institute; (3) Pushtu Tolana, Kabul; (4) The Indian Messenger from the Sadharan Brahmo Samaj, Calcutta; (5) Anthropological Papers from the Calcutta University; (6) Agriculture and Live Stock in India from the Imperial Council of Agricultural Research, New Delhi; and (7) Calcutta Medical Journal.

The first two were received by exchange and the last five by presentation.

Book Reviews.—As a result of the publication of Book Reviews in the Journal of the Society books are being received regularly from authors for review five of whom presented a second copy to the Library.

Sanskrit Section.—The number of manuscripts repaired was 108, and 5,062 have been dusted and rearranged.

A revised numerical list of the Bardic manuscripts was made and the preparation of an alphabetical list of titles of the manuscripts on loan from the Museum, arranged according to subjects, was commenced. Also, lists of the rare and important manuscripts after careful scrutiny, with their approximate values, was prepared for purposes of evacuation and safe preservation outside Calcutta.

Arabic and Persian Section.—Sixty-one damaged manuscripts were repaired and forty-eight were re-bound. The number of worm-eaten manuscripts still unrepaired is 1,983. A list of the rare and valuable manuscripts with their approximate values was prepared for purposes of evacuation.

Sino-Tibetan Section.—The preparation of the catalogue of Tibetan Tangyur manuscripts was continued and progress was made up to volume 24. New labels in both Tibetan and English written alphabetically were put on each manuscripts. Also, a list of the rare and most important Tibetan manuscripts and xylographed works with their values was prepared for purposes of evacuation. The total amount spent during the year on repair of manuscripts in the three sections was Rs.1,287-5.

Enforcement of Regulations.—Strict application of the terms of Library Regulation No. 12 had to be enforced as the practice grew of keeping books for more than three months. Cards giving the details, the dates of issue and return, placed inside a flap fixed at the back of each book, have made the periodical checking of borrowed books much easier.

Permanent Library Endowment Fund.—The Society has not received any donations during the year. The total amount in the Fund is Rs.16,176-8-8 in $3\frac{1}{2}\%$ Government Securities.

Finance.

Appendix III contains the usual Statements showing our accounts for 1941. According to the recommendations of the Special Enquiry Committee all sale proceeds of our publications and subscriptions to the Journal and Memoirs have been credited to the Publication Fund.

As usual the Fund Accounts show their invested assets written down to their market values as at the end of the year and Investment Account No. 22 shows the allocation of invested paper to each fund specifically, whilst both market and face values of the investments are shown in it.

Statement No. 24 shows the Balance Sheet of the Society and the different funds administered by and through it.

The funds belonging to, or administered by, the Society are classified as follows:—

(a) General Fund:—

(i) Permanent Reserve.

(ii) Working Balance.

(b) Specific Funds belonging to the Society.

(c) Funds administered by the Society.

At the end of the year, the position of these Funds was as follows:—

			Face value, 31st December 1941. Rs.	Market value, 31st December 1941. Rs.
1. General Fund	..	..	2,96,400	2,77,200
(a) Permanent Reserve	..	..	2,54,200	2,35,000
(b) Working Balance	..	..	42,200	42,200
2. Specific Funds belonging to the Society	..		33,200	32,500
3. Funds administered by the Society	..		73,600	71,300
			4,03,200	3,81,000

During the year 1941, Rs.736 were received as admission fees and Rs.590 as compounding fees. This total amount of Rs.1,326 will be transferred to the Permanent Reserve by conversion of Government Paper ($3\frac{1}{2}\%$) belonging to the Temporary Reserve.

The Government of Bengal lifted the 20% cut in regard to two grants, but maintained the cut in all other grants made by them to the Society during the year.

The Society received the following grants from the above Government:—

For		Rs.	Statement.
Journals	..	1,600	No. 19.
O.P. Fund No. 1	..	7,600	No. 2.
O.P. Fund No. 2	..	4,800	No. 3.
Sanskrit MSS.	..	6,080	No. 4.

The Government of Bengal annual grants of Rs.2,400 for the publication of works of historical interest (O.P. Fund No. 2) for both the years 1940-41 and 1941-42 were received during the year.

The debit balance of the Oriental Publication Fund No. 2 (Statement No. 3) is still remaining but it has been brought

down from Rs.11,084-15-10 to Rs.8,152-14-7. Special attempts are being made to restore this Fund to working order.

The Government of India maintained the 50% cut in the grant for Arabic and Persian MSS. (Statement No. 5). Special effort to restore the cut was made by our Honorary Treasurer during the year. The grant for the year 1941-42 has not yet been received. The fund closed with a debit balance of Rs.4,243-11-3.

The income derived from Advertising amounted to Rs.10,200.

The temporary investments of funds in Fixed Deposit and Savings Bank are shown in Statements Nos. 21 and 20.

Statement No. 18 gives an account of the amounts due to and by the Society for membership subscriptions, sales of publications and contingent charges.

The Government Securities, shown in Statement No. 22, are held in safe custody by the Imperial Bank of India, Park Street, Branch. During the year there was a considerable depreciation of the securities amounting to Rs.4,997-8-0, decreasing to that extent the book assets of the Society.

The Budget estimate for 1941 and the actuals of the year were as follows:—

Estimates.			Receipts.	Expenditure.
			Rs.	Rs.
Ordinary	..	..	51,830	50,530
Extraordinary	..	..	800	800
TOTAL			52,630	51,330
Actuals.				
Ordinary	..	..	53,160	49,521
Extraordinary	..	..	1,326	1,326
TOTAL			54,486	50,847

The ordinary receipts were about Rs.1,330 more than the estimate.

The ordinary expenditure was about Rs.1,009 less than the estimate.

The Budget estimates for probable expenditure have as usual been framed to meet demands under various heads based on a vigorous activity in all departments of the Society's work. Special provision had to be made for A.R.P. measures taken by the Society to preserve its properties and evacuation of a large number of the most valuable and rare manuscripts and historical objects belonging to the Society.

The receipts have been conservatively estimated.

BUDGET ESTIMATE FOR 1942.

Ordinary Receipts.

	Budget estimate for 1941.	Actuals for 1941.	Budget estimate for 1942.
	Rs.	Rs.	Rs.
Interest on Investments and	{ 9,800	9,802	9,800
Deposits	{ 750	600	750
Advertising	10,200	10,200	10,200
Rent	10,680	10,680	10,680
Annual Grant	1,600	1,600	1,600
Miscellaneous	300	390	300
Members' Subscription	9,000	8,920	8,000
Publications sales and Sub- scriptions	5,500	6,968	5,000
Proportionate Share of Funds—			
O.P. Fund No. 1	2,000	2,000	..
Sanskrit MSS. Fund	2,000	2,000	..
TOTAL	51,830	53,160	46,330

Extraordinary Receipts.

By Fees—	Rs.	Rs.	Rs.
by Admission Fees	800	736	700
by Compounding Fees .. ..	..	590	..
by Institutional Membership Registration Fees .. ..	..	..	..
TOTAL	800	1,326	700

Ordinary Expenditure.

	Rs.	Rs.	Rs.
Salaries	21,800	21,887	22,250
Commission	300	264	300
Stationery	600	1,506*	1,000
Fan, Light and Telephone	600	486	500
Taxes	2,400	2,388	2,400
Postage	1,600	1,369	1,400
Contingencies	700	1,227*	1,000
Petty Repairs	200	160	150
Insurance	500	500	500
Menials' Clothing	120	392*	50
Office Furniture	200	525*	1,000
Building Repairs	2,000	2,000	2,000
Provident Fund Share	700	658	700
Audit Fee	250	250	250
Books, Library	2,000	1,133	1,000
Binding	2,000	1,805	4,500
Journal and Memoirs	7,000	6,445	6,500
Printing, Circulars, etc.	500	540	700
Gratuities .. ..	..	690*	..
Cataloguing Bengali MSS.	500	..	..
Steel-shelving	6,560	5,296	..
TOTAL	50,530	49,521	46,200

* Special sanction by Council.

Extraordinary Expenditure.

	Budget estimate for 1941.	Actuals for 1941.	Budget estimate for 1942.
	Rs.	Rs.	Rs.
To Permanent Reserve—			
by Admission Fees ..	800	736	700
by Compounding Fees ..	..	590	..
by Institutional Membership Fees .. ..	..	..	..
TOTAL ..	800	1,326	700
To removal and Insurance charges for MSS. to Benares..	..	..	5,500

Publications.

During the year two numbers of volume VI of the *Journal* for 1940, one *Letters* and one *Science*, consisting of 174 pages with 2 plates, title pages and indexes were published. Also the complete volume VII of the *Journal* for 1941. This contained two numbers of *Letters*, one of *Science* and one *Year-Book* covering 478 pages with 19 plates. This is the first time since 1917 that the current volume of the *Journal and Proceedings* has been published and distributed within the year.

Memoirs.—The manuscript of *Mahāvvyutpatti* by Alexander Csoma de Körös which has been lying incomplete since 1910 has been revised and recopied by Prof. Durga Charan Chatterjee and Mr. Trin Chen and sent to the press. It is expected that this MSS. and volume IV of the *Memoirs* will be published early in 1942. There is no other work outstanding in the *Memoirs*.

Bibliotheca Indica Series.—The following works were published during the year.

- (1) *Kesar Saga*.—A lower Ladakhi version of the Kesar Saga recovered by the late Dr. A. H. Francke from Khalatse in lower Ladakhi and probably the oldest and most important corpus of the Kesar legend. It consists of the Tibetan text, English Abstracts of Contents, Notes, Vocabularies and Six Appendices. Prof. Suniti Kumar Chatterji has furnished an exhaustive and illuminating introduction reviewing the whole Kesar Saga literature and its place in Central Asia. Pp. 1-494 and i-xxxii.

- (2) *The Doctrine of Nimbārka*.—Vol. II, pp. 475-884, by Dr. Roma Bose. This completes the English translations and annotations of two commentaries on Brahma Sūtras known as the 'Vedānta-Pārijāta-

Saurabha' of Nimbārka and 'Vedānta Kaustabha' of Śrīnivāsa. The third and the last volume giving a full philosophical exposition of Nimbārka's doctrine is in the press and is expected to be published during 1942.

- (3) *Vaiṣṇānasa-Śrauta-Sūtram*.—Being the description of vedic rites as interpreted by the Vaiṣṇānasa school of the Black Yajurveda. The text was critically prepared by the late Prof. Willem Caland of Utrecht together with an Index by Prof. Raghu Vira of Lahore. The work consists of the Preface pp. i-xxxvi, text pp. 1-334 and an Index pp. 335-408.
- (4) *Maāthir-ul-Umarā*.—Vol. 1, fasc. VII, pp. 601-840. This is the final fascicle of the English translation of volume one containing the biographies of the Muhammedan and Hindu officers of the Timurid Sovereigns of India from 1500 to 1700 A.D. by Nawwāb Ṣamsām-ud-Daula Shāh Nawāz Khān and 'Abdul-Ḥayy. The English translation was originally prepared by H. Beveridge and pp. 1-600 of the first five fascicles and part of fascicle six were published between 1911-14. The rest of the fascicle six (pp. 601-840) was revised, annotated and completed by Dr. Baini Prashad and is now issued together with a prefatory note, pp. i-vii.
- (5) *Tadhkira-i-Humāyūn Wa Akbar of Bāyazīd Biyāt*.—The Persian text of Bāyazīd Biyāt now published contains the history of the Emperor Humāyūn and his son Emperor Akbar and is edited with notes and a Preface in English by the late Shams-ul-Ulama Dr. M. Hidayat Hosain, pp. i-vii and 1-450.

Descriptive Catalogue of Manuscripts in the possession of the Royal Asiatic Society.

The Catalogue of Vernacular Manuscripts in Bengali, Hindi, Gujrati, Marwari and Uriya, prepared by the late MM. H. P. Shastri and revised and edited by Mr. Jogendra Nath Gupta together with an Introduction in English was published at the end of the year. This Catalogue forms Vol. IX of the Descriptive Catalogue prepared by the late MM. Shastri and contains short descriptions of 445 manuscripts dealing with the epics of the Rāmāyaṇa and Mahābhārata, Vaiṣṇava Literature, Astrology, Mathematics, Travel, Romance, Śākta and Vaiṣṇava sects and other miscellaneous subjects. The volume consists of an Introduction in English and 1-420 pages of text and index.

Of the works mentioned in Annexures A and B of Appendix II of the Report of the Special Enquiry Committee of 1939 the

following still remain to be published. A full list of the works published during 1939-41 is given in Appendix II.

Annexure A.

Tirtha Kalpa edited by Pandit Kedar Nath of Jaypur together with an introduction by Prof. Suniti Kumar Chatterji. The complete manuscript sent by Pandit Kedarnath has been printed and the whole work will be issued as soon as the English Introduction, to be written by Prof. Suniti Kumar Chatterji, is submitted.

Haft-Iqlim.—The materials for Vol. II of the work are under preparation by Prof. M. Mahfuzul Haq.

Vajjalaggam.—No materials have been received from the editor, Mr. Johan van Manen.

Annexure B.

Kuttaninatam.—Edited with notes by Pandit Madhusudan Kaul of Kashmir. Pandit Kaul who obtained permission from the Kashmir State to edit this work has completed the text which has now been printed. The book will be issued as soon as the Notes have been received from him and printed.

Works in the Bibliotheca Indica series in which further progress was made during the year, are:—

- (1) *The Doctrine of Nimbārka*, Vol. III, by Dr. Roma Chaudhuri.
- (2) *Amal-i-Salāh or Shah Jahan Nama*.—An Index, to the three volumes already printed and issued, is still in preparation by Mr. G. Yazdani of Hyderabad.
- (3) *Bhagavad Gīta* (in Persian verse) in preparation by Dr. Baini Prashad.
- (4) *Maāthir-ul-Umarā*.—Vol. II, English translation edited by Dr. Baini Prashad.

New work in the Bibliotheca Indica Series accepted for publication:—

The English translation of *Padmāvati* of Malik Muhammad Jaisi prepared by Mr. A. G. Shirreff, I.C.S., from the Hindi texts published by the late Sir George Grierson in the Bibliotheca Indica Series in 1911 and the Benares Edition published by the Nāgri Prachārīṇi Sabhā. The complete manuscript is now in the press.

I. *Descriptive Catalogue of Manuscripts*.—The materials for the *Descriptive Catalogue of Sanskrit Manuscripts* prepared by the late MM. Haraprasad Shastri that still remain to be

published concern the subjects of (1) Philosophy, (2) Jyotiṣa, (3) Jaina, and (4) Vaidyaka, besides those dealing with miscellaneous subjects and Addenda and Supplements which will form the six concluding volumes of the series. It was decided that instead of entrusting the whole work to one scholar for revision, specialists in the different subjects should be invited to revise the work with a view to expediting the publication and more thorough checking of the materials. Accordingly, the work was divided among the following scholars:—

Volume X dealing with Philosophy to Prof. Narendra Chandra Bhattacharyya, M.A., Vedantatīrtha, etc.; Volume XI, dealing with Jyotiṣa to Prof. P. C. Sen Gupta and Mr. N. C. Lahiri; and Vol. XIII Vaidyaka to Kaviraj Bimalananda Tarkatīrtha.

Vol. XIV-~~XV~~.—Miscellaneous and Addenda and Supplement to Prof. Chintaharan Chakravarti.

Of these the materials for Vols. X and XI dealing with Philosophy and Astronomy have been revised and edited by Profs. Bhattacharyya and Sen Gupta and are now in the press.

II. *Catalogue of Arabic Manuscripts*. Vol. II, pp. 1-80 of the volume have been printed and pp. 81-118 are in proof. Unfortunately, the sudden death of Shams-ul-Ulama Dr. Hidayat Hosain in November 1941 has made further printing of the work impossible for the present. A new editor will have to be engaged to complete the work.

In view of the shortage and enormous increase in the price of paper and other printing materials as a result of the War, it has been decided for the present to limit the volume of the *Journal* to three issues, namely, one *Letters*, one *Science*, and one *Year-Book* consisting altogether of 600 pages and 12 plates.

Philology.

Five papers were read and published during the year. Two papers were read during the year and will be published later.

History.

Three papers were read and published during the year. One paper was read during the year and will be published later.

Anthropology.

Five papers were read and published during the year.

Archaeology.

Two papers read in the previous year were published. Four papers were read and published during the year.

Natural History : Zoology.

Five papers were read and published during the year.

Natural History : Botany.

One paper was read and published during the year.

Mathematics.

One paper read in the previous year was published during the year.

Psychology.

One paper was read and published during the year.

Papers published in the Journal by well-known writers in 1941.

- (1) Dr. Franklin P. Metcalf.
- (2) Mr. D. H. Gordon.
- (3) Dr. Siddheshwar Varma.
- (4) Mrs. E. W. E. Macfarlane.
- (5) Dr. J. B. Grant.
- (6) Mr. E. F. O. Murray.
- (7) Dr. R. C. Majumdar.
- (8) Dr. Christoph von Fürer-Haimendorf.

Air Raid Precaution Measures.

As a result of the close approach of the War to India measures had to be taken to protect the possessions and the rare and valuable collections of the Society. At a cost of Rs.690 a full set of A.R.P. equipment has been purchased, and sand bags, buckets and water tanks placed in various parts of the building. Glass in doors, windows and sky-lights has been removed and glass panes in the steel almirahs reinforced with glued muslin and kraft paper. One of the clerks, N. Gupta, was sent to the A.R.P. training school for training and he is now instructing the menial staff of the Society in the use of all A.R.P. measures against possible air-raids

As, however, no method of protection exists against direct hits from explosive bombs, it was decided not to take any risk with the rare manuscripts and historical and art collections of the Society but to send them away for safe custody outside Calcutta. Through the kind offices of Sir S. Radhakrishnan, Vice-Chancellor of the Benares Hindu University and sometime Vice-President of this Society, it was arranged to send, as a first instalment about 2,500 of the most valuable and rare manuscripts to the Benares Hindu University Library. The General Secretary, accompanied by Mr. J. C. De, went to Benares and supervised the removal

of sixty cases containing the collections to a specially allotted room on the first floor of the Sayajit Rao Gaekwad Library. The Asokan Edict from Jeypore and 21 bronze and marble busts have been removed to a place of safety in Calcutta.

Lady Mary Herbert graciously visited the rooms of the Society, on the 26th December 1941, at the invitation of Mr. Justice Edgley and having inspected the paintings very kindly agreed to keep ten of the most valuable of them at the Government House, Darjeeling. These were delivered by Mr. P. O. Matthai to the S.D.O. at Government House.

The cost of removal and insurance of these valuable possession has been very heavy and a serious drain on the slender resources of the Society. The premium alone for the insurance against Fire and Burglary of the sixty cases of manuscripts, etc., sent to Benares was over four thousand rupees. The evacuation of the rest of the paintings and about 7,000 more of important and valuable manuscripts and rare and unobtainable sets of Journals and books will further dissipate our funds. But, as the preservation of these national treasures is of supreme importance, the situation will have to be faced and the expenditure met.

General Lectures.

The following General Lectures were delivered before fairly large audience of members and visitors :—

February 26th	Mr. Percy Brown : The Arts of Nepal.
March 7th ..	Dr. J. B. Grant : Rural Reconstruction—China.
„ 10th ..	Dr. F. Vreede : The living Culture of Java.
„ 14th ..	Sir S. Radhakrishnan : Is Religion a Spent Force ?
„ 25th ..	Dr. S. L. Hora : Life-history and Wanderings of <i>Hilsa</i> in Bengal Water.
April 2nd ..	Lt.-Col. S. D. Greval : Blood Groups and Types.
„ 9th ..	Dr. Immanuel Olsvanger : The Resurrection of a Language.
July 4th ..	Mrs. Savitri Mukherji : The Amarna Art.
„ 22nd ..	Mrs. Savitri Mukherji : King Akhnaton and his Philosophy.

Cultural Activities.

In addition to general lectures, facilities were provided for scholars who visited the Society for study and research, and information was given to Institutions and individual scholars on matters of antiquarian and historical interest. Mention may be made of the following.

(1) Maharajkumar Raghubir Sinh with a note on the lives of John Collins and Josiah Webb.

(2) Lt. Commander Geoffrey Rawson of Sydney, Australia, with a note on '*Sydney Cave* which sailed from Calcutta to Australia in 1798'.

(3) The University of Dacca with some of the Society's blocks for reproduction in its forthcoming publication on the History of Bengal.

(4) The Survey of India with a map of Ancient Kashmir for reproduction, published in Sir Aurel Stein's article in our *Journal*.

(5) Mr. Saroj Bhusan Barua, Govt. of Bengal Research Scholar, continued for the greater part of the year his research on Later Buddhism in the Society's Library.

(6) Miss Soma K. Joshi, a post-graduate student, carried on her studies in ancient Indian History in the Library.

Others who made use of the Library were:—

- (1) Miss Post Wheeler of the United States of America.
- (2) Miss S. Benjamin (Bethune College), Calcutta.
- (3) Mr. K. Banerji of the Meteorological Department, Alipore.
- (4) Dr. J. P. Chaudhuri (Presidency College), Calcutta.
- (5) Mr. Isvarabhai Patel of Bombay.
- (6) Prof. Dinesh Bhattacharya of the Hugli College.
- (7) Swami Sadananda of the Gauriya Math.

General.

Routine work in respect of the local distribution of the Society's publications, circulars, forms, etc., and the keeping up to date of the addresses of Members was carried out as usual, but the posting of Journals, etc., to belligerent and many neutral countries affected by the War was either stopped altogether, or was seriously handicapped by delays in shipment.

Printers.

Under the capable superintendence of Messrs. P. Knight and G. E. Bingham, the Baptist Mission Press continued to act as our chief printers and gave, as usual, their invaluable assistance. Mention may also be made of the help rendered by the Directors of the Inland Printing Works in doing minor printing works for the Society.

Agencies.

Our European, American and Indian Agents remain the same. An extension of the list for Asiatic countries could not be made owing to the unsettled conditions in most of the countries.

Exchange of Publications.

The following applications for exchange with the Society's publications were considered by the Council, and its decisions are noted below:—

<i>Publications of :</i>	<i>To be exchanged with :</i>
Sri Venkateswara Oriental Institute, Tirupati	Journal.
Afghan Riyasat, Kabul	Journal.
Board of Research, Osmania University, Hyderabad	Journal.

Meetings.

The Ordinary Monthly Meetings of the Society were held regularly with the exception of the recess month, October. The average attendance was 15 members and 2 visitors. The maximum attendance was in December with 17 members and 4 visitors.

There were no meetings of the Medical Section.

Exhibits.

At the Ordinary Monthly Meetings exhibits were shown and commented upon by the exhibitors. The following may be mentioned:—

S. K. Chatterji: A Bengali Reader published in Petrograd in 1922.

J. C. De: Letter to Lord Clive, dated the 4th July, 1766.

M. H. Hosain: Tafsir Nishapuri.

Baini Prashad: A note on Fatawa-i-Alamgiri.

Communications.

Apart from papers, communications on matters of considerable scholarly and scientific interests were made from time to time at the Ordinary Monthly Meetings. Among such communications, the following may be mentioned:—

Chintaharan Chakravarti: Sanskrit MSS. in the Royal Asiatic Society of Bengal.

Baini Prashad: Birth of Nur Jahan.

S. L. Hora: A hump-backed Catla; Races and Varieties of Mahseer.

B. R. Chatterjee: Our trip to Tholing Monastery in Western Tibet.

B. K. Chatterjee: Some peculiar implements made of *Tridacna* Shell from the Nicobar Islands.

M. H. Hosain: The Persian Histories of the Carnatic.

Solicitors.

The Society is under obligation to its Solicitors, Messrs. B. N. Basu & Co., for prompt and valuable service rendered during the year. To the head of the firm, Mr. J. N. Basu, it is

specially indebted for his courtesy and ungrudging help on all occasions when there was any need to consult him.

Conclusion.

The development of the international situation and the approach of War to its very shores could not but have far reaching effect on India, and the Royal Asiatic Society of Bengal, like other institutions in this country, has not escaped from the consequences. One of these has been the resignation of a larger number of its members and the admission of fewer new members than is usual in normal time. Another consequence has been the enforced curtailment of its publications as a result of the high cost of printing materials. The necessity for taking emergency measures against possible air raids and the evacuation of the rare and valuable collections of the Society have made a serious drain on its resources which have never been very large. For any large undertakings therefore we shall have no means in the near future, unless our funds can be augmented by increased grants from the Government or benefactions from some of our more richly endowed members. In Europe and America learned Societies like ours depend primarily for funds upon rich philanthropists. Unfortunately, our wealthy men have not yet shown much inclination to help us or other learned Societies in this way but it is to be hoped that this appeal will find a responsive chord in the hearts of some of them to enable this Society to continue its work of more than a century and a half in the cause of oriental scholarship and antiquarian research.

[APPENDIX I.]

Membership Statistics.

(As calculated for December 31st, for 30 years.)

YEAR.	ORDINARY.								EXTRA-ORDINARY.					FELLOWS.		
	PAYING.				NON-PAYING.			Total Ordinary Members.	Centenary Honorary.	Associate.	Institutional.	Anniversary Honorary.	Total.	Grand Total Membership.	Honorary.	Ordinary.
	Resident.	Non-Resident.	Foreign.	Total.	Absent.	Life.	Total.									
1912 ..	203	229	19	451	43	23	66	517	3	13	..	..	16	533	27	24
1913 ..	200	211	19	430	46	23	69	499	3	14	..	..	17	516	27	23
1914 ..	191	187	19	397	50	26	76	473	3	14	..	..	17	490	24	27
1915 ..	171	188	21	380	40	25	65	445	3	15	..	..	18	463	29	31
1916 ..	145	159	18	322	60	25	85	407	3	15	..	..	18	425	26	33
1917 ..	150	144	15	309	45	24	69	378	2	12	..	..	14	392	22	35
1918 ..	153	145	17	315	43	24	67	382	2	10	..	..	12	394	22	39
1919 ..	141	128	15	284	64	25	89	373	2	11	..	..	13	386	18	36
1920 ..	161	134	15	310	32	26	58	368	2	11	..	..	13	381	28	38
1921 ..	160	132	16	308	26	26	51	359	2	12	..	..	14	373	28	40
1922 ..	160	141	16	317	26	26	52	369	2	13	..	..	15	384	30	39
1923 ..	147	120	13	280	30	27	57	337	2	11	..	..	13	350	28	37
1924 ..	209	134	12	355	29	28	57	412	2	12	..	..	14	426	27	37
1925 ..	263	137	12	412	23	27	50	462	2	12	..	..	14	476	26	34
1926 ..	319	162	20	501	23	28	51	552	2	12	..	..	14	566	25	34
1927 ..	328	167	18	513	28	33	61	574	2	13	..	..	15	589	28	38
1928 ..	344	167	23	534	42	46	88	622	1	12	..	..	13	635	28	40
1929 ..	331	181	21	533	36	49	85	618	1	10	2	..	13	631	27	43
1930 ..	291	194	37	522	22	52	74	596	1	8	2	..	11	607	29	47
1931 ..	228	184	29	441	26	52	78	519	1	8	5	..	14	533	29	46
1932 ..	222	126	23	371	27	54	81	452	1	7	5	..	13	465	28	45
1933 ..	194	126	27	347	33	56	89	436	..	7	6	..	13	449	26	49
1934 ..	217	112	30	359	26	57	83	442	..	6	7	12	25	467	26	47
1935 ..	206	107	28	341	28	56	84	425	..	5	7	11	23	448	24	44
1936 ..	214	106	24	344	16	55	71	415	..	5	10	11	26	441	21	46
1937 ..	205	99	29	333	20	55	75	408	..	5	12	10	27	435	19	49
1938 ..	193	98	21	312	24	54	78	390	..	4	12	10	26	416	19	45
1939 ..	187	103	21	311	21	54	75	386	..	6	12	10	28	414	22	46
1940 ..	190	108	18	316	14	57	71	387	..	7	12	10	29	416	21	49
1941 ..	173	113	16	302	22	58	80	382	..	6	12	9	27	409	18	48

[APPENDIX II.]

List of Publications issued by the Royal Asiatic Society of Bengal between 1939-41.**Bibliotheca Indica :**

- (1) Saundarananda Kāvya (Reprint).
- (2) Ātmataṭṭvaviveka, Fasc. 6 (concluding fascicle).
- (3) Manu-Smṛti, Volume II.
- (4) Manu-Smṛti, Volume III.
- (5) Tārikh-i-Shāhī.
- (6) Ṭabaqāt-i-Akbarī, English Trans. Vol. III, Pt. I.
- (7) Ṭabaqāt-i-Akbarī, " " " " III, Pt. II.
- (8) Akbar Nāma, English Trans., Vol. III, fascicle 14 (concluding fascicle).
- (9) Āin-i-Akbarī, Eng. Translation (Reprint), Volume I.
- (10) Ruba'iyat of 'Umar-i-Khayyām.
- (11) Haft-Iqlīm, Volume I, fasc. 3, (concluding fasc.).
- (12) 'Amal-i-Sālih, Volume III, fasc. 5 (concluding fasc.).
- (13) Doctrine of Nimbārka, English Trans., Volume I.
- (14) Lushai-English Dictionary.
- (15) Varṇa-ratnākara.
- (16) Dharmabindu, Volume I, fascicle 2 (concluding fascicle).
- (17) Avadāna-kalpalatā, Volume I, Fascicle 2 (Reprint).
- (18) Qānūn-i-Humāyūnī, Text.
- (19) Qānūn-i-Humāyūnī, English translation.
- (20) Ṭabaqāt-i-Akbarī, English translation, Vol. III, Pt. III, Index.
- (21) Kesar Saga, fasc. 5 (concluding fascicle).
- (22) Maathir-ul-Umara, Eng. trans., Vol. I, Fascicle VII (concluding fascicle).
- (23) Tadhkira-i-Humāyūn wa Akbar, Text.
- (24) Doctrine of Nimbārka, English Trans., Volume II.
- (25) Vaikhānasa Śrauta Sūtra, Text.

Journal and Proceedings :

- (1) Volume III, Year-Book for 1936.
- (2) " IV " " " 1937.
- (3) " V " " " 1938.
- (4) Letters, Volume IV, No. 1.
- (5) " " " " No. 2.
- (6) " " " " " 3.
- (7) " " " " " 4.
- (8) Science, Volume IV, No. 1.
- (9) " " " " " 2.
- (10) Title-pages and Indexes to Volumes II and III
- (11) Volume VI, Year-Book for 1939.
- (12) Letters, Volume V, No. 1.
- (13) " " " " " 2.
- (14) " " " " " 3.
- (15) " " VI " 1.
- (16) Science, Volume V, No. 1.
- (17) " " " " " 2.
- (18) " " VI " 1.
- (19) Title-pages and Indexes to Volumes IV and V.
- (20) Volume VII, Year-Book for 1940.

- (21) Letters, Volume VI, No. 2.
- (22) " " VII, " 1.
- (23) " " " " 2.
- (24) Science, Volume VI, No. 2.
- (25) " " VII, " 1.
- (26) Title-page and Index to Volume VI.

Memoirs :

- (1) Volume X, No. 3.
- (2) " XII, " 2.

Miscellaneous :

- (1) Descriptive Catalogue of Arabic Manuscripts, Volume I.
 - (2) Descriptive Catalogue of Sanskrit Manuscripts, Vol. VIII,
Part I.
 - (3) Proceedings of the 3rd Indian Science Congress (Reprint).
 - (4) Descriptive Catalogue of Sanskrit Manuscripts, Vol. VIII,
Part II.
 - (5) Descriptive Catalogue of Vernacular Manuscripts, Vol. IX.
-

Abstract Statement
of
Receipts and Disbursements
of the
Royal Asiatic Society of Bengal
for
the Year 1941

STATEMENT No. 1.

1941.

General

Income and Expenditure Account

		Rs.	As.	P.	Rs.	As.	P.
TO ESTABLISHMENT :							
Salaries and Allowances ..	..	21,877	2	3			
Commission ..	..	243	4	9			
					22,120	7	0
GENERAL EXPENDITURE :							
Stationery ..	..	1,479	8	0			
Fans and Light ..	..	208	5	6			
Telephone ..	..	268	1	0			
Taxes ..	..	2,387	5	0			
Postage ..	..	1,210	1	0			
Contingencies ..	..	1,394	1	0			
Printing Circulars, etc. ..	..	553	4	0			
Audit Fee ..	..	250	0	0			
Petty Repairs ..	..	112	2	6			
Insurance ..	..	500	0	0			
Menials' Clothing ..	..	391	3	0			
Furniture and Repairs ..	..	529	1	0			
Interest on Security Deposit ..	..	5	0	0			
					9,288	0	0
GRATUITIES ..	..	....			690	0	0
LIBRARY AND COLLECTIONS :							
Books ..	..	999	11	6			
Binding ..	..	1,776	6	0			
					2,776	1	6
STEEL SHELVING ..	..	....			5,296	0	0
Provident Fund Contribution for 1941 ..	..	....			657	10	6
					40,828	3	0
Transfer to Building Repair Fund Account ..	..	....			2,000	0	0
SUNDRY ADJUSTMENTS :							
Bad Debts written-off ..	..	744	0	0			
Depreciation on Investments revalued on 31-12-41 ..	..	4,114	7	0			
					4,858	7	0
BALANCE AS PER BALANCE SHEET ..	..	....			2,82,067	6	4

 3,29,754 0 4

STATEMENT No. 1.

Fund.

1941.

for the year to 31st December, 1941.

		Rs.	As.	P.	Rs.	As.	P.
BY BALANCE FROM LAST ACCOUNT			2,83,041	8	10

CASH RECEIPTS :

Interest on Investments	..	..	9,802	8	0		
Interest on Fixed Deposits	..	..	600	0	0		
Advertising	..	..	10,200	0	0		
Rent	..	..	10,630	0	0		
Miscellaneous	..	..	399	15	6		
						31,632	7 6

PERSONAL ACCOUNT :

Members' Subscriptions	..	..	9,754	0	0		
Admission Fees	..	..	736	0	0		
Compounding Fees	..	..	590	0	0		
						11,080	0 0

Contribution to General Expenditure from—

Oriental Publication Fund (1)	..	..	2,000	0	0		
Sanskrit MSS. Fund	..	..	2,000	0	0		
						4,000	0 0

3,29,754 0 4

STATEMENT No. 2.

1941.

Oriental Publication

From a monthly grant made by the Government of Bengal for the publication (Rs. 500, Less 20% from the 1st April, 1932), and for the (Rs. 250, Less 20% from the 1st of

					Rs.	As.	P.
To	Printing	..	..	..	2,243	6	0
	Editing	..	..	..	471	4	0
	Binding	..	..	..	171	13	0
	Proportionate Share in General Expenditure	..			2,000	0	0
	Balance as per Balance Sheet	..	..		14,861	12	8
					19,748	3	8

STATEMENT No. 3.

1941

Oriental Publication

From an annual grant made by the Government of Bengal of Historical (Less 20% from the

					Rs.	As.	P.
To	Balance from last Account	..	..	..	11,084	15	10
	Printing	..	..	..	1,393	14	9
	Editing	..	..	..	474	0	0
					12,952	14	7

STATEMENT No. 4.

1941.

Sanskrit Manuscripts Fund

From an annual grant of Rs. 3,200 made by the Government of Bengal by the Society ; and Rs. 3,600 from the same Government

					Rs.	As.	P.
To	Cataloguing	..	..	..	775	0	0
	Binding	..	..	..	85	0	0
	Printing	..	..	..	1,546	1	0
	Purchase of MSS.	..	..	..	60	0	0
	Repairs to MSS.	..	..	..	1,287	8	0
	Preservation (A.R.P. Measures)	..	..	..	660	0	0
	Proportionate Share in General Expenditure	..	..	..	2,000	0	0
	Balance as per Balance Sheet	..	..	..	17,846	6	0
					24,259	15	0

STATEMENT No. 2.

Fund No. 1, in Account with R.A.S.B.

1941.

cation of Oriental Works and Works of Instruction in Eastern Languages
publication of Sanskrit Works hitherto unpublished
April, 1932 to 28th February, 1941).

			Rs.	As.	P.
By Balance from last Account	..	..	12,148	3	8
Annual Grant ..	..	..	7,600	0	0

19,748 3 8

STATEMENT No. 3.

Fund No. 2, in Account with R.A.S.B.

1941.

Rs. 3,000 for the publication of Arabic and Persian Works of
Interest.
1st of April, 1932.)

			Rs.	As.	P.
By Annual Grant for 1940 and 1941	..	..	4,800	0	0
By Balance as per Balance Sheet	..	..	8,152	14	7

12,952 14 7

STATEMENT No. 4.

Account, in Account with R.A.S.B.

1941.

for the publication of the Catalogue of Sanskrit Manuscripts acquired
(*Less 20% from the 1st of April, 1932*)
for Research Work.

			Rs.	As.	P.
By Balance from last Account	..	..	18,179	15	0
Annual Grant ..	..	..	6,080	0	0

24,259 15 0

STATEMENT No. 5.

1941

Arabic and Persian Manuscripts

From an annual grant of Rs. 5,000 made by the Government of India for
by the Society; for the purchase of further Manuscripts,
Manuscripts found in
(Less 50% from 1st April,

	Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account..		3,141	3	3
Cataloguing		1,100	0	0
Binding		2	8	0
				<u>4,243</u>	<u>11</u>	<u>3</u>

STATEMENT No. 6.

1941.

Barclay Memorial

From a sum of Rs. 500 odd given in 1896 by the Surgeon
encouragement of Medical

	Rs.	As.	P.	Rs.	As.	P.
To Depreciation on Investments revalued on 31-12-41 .. ..	..	....		10	15	0
Balance as per Balance Sheet— Rs. 700, 3½% G.P. Notes, 1854-55	647	8	0			
Surplus at date	101	10	8			
				<u>749</u>	<u>2</u>	<u>8</u>
				<u>760</u>	<u>1</u>	<u>8</u>

STATEMENT No. 7.

1941.

Servants' Pension Fund

Founded in 1876 as the Piddington Pension Fund

	Rs.	As.	P.	Rs.	As.	P.
To Depreciation on Investments revalued on 31-12-41 .. ..	..	....		46	14	0
Pension .. ..	..	....		132	0	0
Balance as per Balance Sheet— Rs. 3,000, 3½% G.P. Notes, 1854-55	2,775	0	0			
Surplus at date	810	14	8			
				<u>3,585</u>	<u>14</u>	<u>8</u>
				<u>3,764</u>	<u>12</u>	<u>8</u>

STATEMENT No. 5.

Fund Account, in Account with R.A.S.B.

1941.

the cataloguing and binding of Arabic and Persian Manuscripts, acquired and for the preparation of notices of Arabic and Persian various Libraries in India. 1939.)

	Rs.	As.	P.	Rs.	As.	P.
By Balance as per Balance Sheet			4,243	11	3
				<hr/>	<hr/>	<hr/>
				4,243	11	3

STATEMENT No. 6.

Fund Account, in Account with R.A.S.B.

1941.

General, I.M.S., for the foundation of a medal for the and Biological Science.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			735	13	8
Interest realized during the year			24	4	0
				<hr/>	<hr/>	<hr/>
				760	1	8

STATEMENT No. 7.

Account, in Account with R.A.S.B.

1941.

with Rs. 500 odd from the Piddington Fund.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			3,660	0	8
Interest realized during the year			104	12	0
				<hr/>	<hr/>	<hr/>
				3,764	12	8

STATEMENT No. 8.

1941.

Annandale Memorial Fund

From donations by subscription,

	Rs.	As.	P.	Rs.	As.	P.
To Depreciation on Investments revalued on 31-12-41				62	8	0
Balance as per Balance Sheet—						
Rs. 4,000, 3½% G.P. Notes, 1854-55	3,700	0	0			
Surplus at date	762	12	9			
				4,462	12	9
				4,525	4	9

STATEMENT No. 9.

1941.

Permanent Library Endowment

From gifts received,

	Rs.	As.	P.	Rs.	As.	P.
To Depreciation on Investments revalued on 31-12-41				218	12	0
Balance as per Balance Sheet—						
Rs. 14,000, 3½% G.P. Notes, 1854-55	12,950	0	0			
Surplus at date	3,226	7	8			
				16,176	7	8
				16,395	3	8

STATEMENT No. 10.

1941.

Sir William Jones Memorial

From a sum gifted for the purpose in

	Rs.	As.	P.	Rs.	As.	P.
To Depreciation on Investments revalued on 31-12-41				46	14	0
Balance as per Balance Sheet—						
Rs. 3,000, 3½% G.P. Notes, 1854-55	2,775	0	0			
Surplus at date	358	11	0			
				3,133	11	0
				3,180	9	0

STATEMENT No. 8.

Account, in Account with R.A.S.B.

1941.

started in 1926.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			4,386	12	9
Interest realized during the year			138	8	0

 4,525 4 9

STATEMENT No. 9.

Fund Account, in Account with R.A.S.B.

1941.

started in 1926.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			15,906	3	8
Interest realized during the year			489	0	0

 16,395 3 8

STATEMENT No. 10.

Fund Account, in Account with R.A.S.B.

1941.

1926, by Dr. U. N. Brahmachari.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			3,075	13	0
Interest realized during the year			104	12	0

 3,180 9 0

STATEMENT No. 11.

1941.

Pramathanath Bose Memorial

From a sum gifted for

	Rs.	As.	P.	Rs.	As.	P.
To Depreciation on Investments revalued on 31-12-41 .. .. .			....	28	2	0
Balance as per Balance Sheet—						
Rs. 800, 3½% G.P. Notes, 1842-43 }	1,665	0	0			
„ 1,000, „ „ 1865 }						
Surplus at date	362	12	0			
				2,027	12	0
				2,055	14	0

STATEMENT No. 12.

1941.

Joy Gobind Law Memorial

From a donation for the purpose

	Rs.	As.	P.	Rs.	As.	P.
To Depreciation on Investments revalued on 31-12-41 .. .. .			....	46	14	0
Balance as per Balance Sheet—						
Rs. 3,000, 3½% G.P. Notes, 1854-55	2,775	0	0			
Surplus at date	313	12	0			
				3,088	12	0
				3,135	10	0

STATEMENT No. 13.

1941.

Calcutta Science Congress Prize

	Rs.	As.	P.	Rs.	As.	P.
To Depreciation on Investments revalued on 31-12-41 .. .. .			....	46	14	0
Balance as per Balance Sheet—						
Rs. 3,000, 3½% G.P. Notes, 1854-55	2,775	0	0			
Surplus at date	1,292	6	7			
				4,067	6	7
				4,114	4	7

STATEMENT No. 11.

Fund Account, in Account with R.A.S.B.

1941.

the purpose in 1935.

[illegible]

STATEMENT No. 12.

Fund Account, in Account with R.A.S.B.

1941.

in 1929, by Dr. Satya Churn Law.

		Rs. As. P.	Rs. As. P.
By Balance from last Account	3,030 14 0
Interest realized during the year	104 12 0
			<hr/>
			3,135 10 0

STATEMENT No. 13.

Fund Account, in Account with R.A.S.B.

1941.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account		4,009	8	7
Interest realized during the year		104	12	0
				<hr/>		
				4,114	4	7

STATEMENT No. 14.

1941.

Dr. Brühl Memorial

From a sum gifted for the purpose in

	Rs.	As.	P.	Rs.	As.	P.
To Depreciation on Investments revalued on 31-12-41				15	10	0
Balance as per Balance Sheet—						
Rs. 1,000, 3½% G.P. Notes, 1854-55	925	0	0			
Surplus at date	186	3	0			
				1,111	3	0
				1,126	13	0

STATEMENT No. 15.

1941.

Building Repair

	Rs.	As.	P.	Rs.	As.	P.
To Repairs during the year				2,930	9	6
Balance as per Balance Sheet				3,386	9	6
				6,317	3	0

STATEMENT No. 16.

1941.

Provident Fund

From contributions by the

	Rs.	As.	P.	Rs.	As.	P.
To Depreciation on Investments revalued on 31-12-41				339	10	0
Cost of a stamp				0	1	0
Balance as per Balance Sheet—						
Rs. 5,200, 3% G.P. Notes, 1963-65	4,819	12	0			
Rs. 6,000, 3½% G.P. Notes, 1900-01	5,550	0	0			
Savings Bank and Advances	6,909	4	4			
				17,279	0	4
				17,618	11	4

STATEMENT No. 14.

Fund Account, in Account with R.A.S.B.

1941.

1929, by the Brühl Farewell Committee.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			1,092	1	0
Interest realized during the year			34	12	0

1,126 13 0

STATEMENT No. 15.

Fund Account, in Account with R.A.S.B.

1941.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			4,317	3	0
Transfer from R.A.S.B. General Fund			2,000	0	0

6,317 3 0

STATEMENT No. 16.

Account, in Account with R.A.S.B.

1941.

Society and its Staff.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account ..	....			15,840	5	0
Interest realized during the year ..	65	13	0			
Staff Contribution for the year ..	657	10	6			
Society's Contribution for the year ..	657	10	6			
	<hr/>			1,381	2	0
Interest realized from Savings Bank ..	....			397	4	4

17,618 11 4

STATEMENT No. 17.

1941.

Advances Account,

		Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account			2,475	0	0
Payments during the year			2,383	0	0
					<u>4,858</u>	<u>0</u>	<u>0</u>

STATEMENT No. 18.

1941.

Personal

		Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account	..	....			4,267	7	3
Advances	..	....			2,597	8	6
R.A.S.B.'s Subscriptions, etc.	..	11,080	0	0			
Book sales, etc.	..	6,894	13	6			
					<u>17,974</u>	<u>13</u>	<u>6</u>

24,839 13 3

STATEMENT No. 19.

1941.

Publication Fund Account,

		Rs.	As.	P.	Rs.	As.	P.
To Books returned			1	8	0
Journal and Proceedings			6,471	13	6
Balance as per Balance Sheet			6,931	9	6

13,404 15 0

STATEMENT No. 17.

in Account with R.A.S.B.

1941.

		Rs.	As.	P.	Rs.	As.	P.
By Refunds during the year			1,430	0	0
Balance as per Balance Sheet			3,428	0	0
					<u>4,858</u>	<u>0</u>	<u>0</u>

STATEMENT No. 18.

Account.

1941.

		Rs.	As.	P.	Rs.	As.	P.
By Cash Receipts during the year			17,858	6	3
Books returned			1	8	0
Bad Debts written off, R.A.S.B.			744	0	0
Balance as per Balance Sheet			6,235	15	0

Outstandings.	Amount due to the Society.			Amount due by the Society.		
	Rs.	As.	P.	Rs.	As.	P.
Members	3,487	3	0	430	13	0
Subscribers, etc.	576	0	0	24	0	0
Bill Collector's Deposit	...	...	...	100	0	0
Miscellaneous	2,806	7	6	78	14	6
	<u>6,869</u>	<u>10</u>	<u>6</u>	<u>633</u>	<u>11</u>	<u>6</u>

24 839 13 3

STATEMENT No. 19.

in Account with R.A.S.B.

1941.

		Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account	..	....			4,403	15	0
Government Grant	..	....			1,600	0	0
Book Sales, etc.	..	6,894	13	6			
Cash Sale of Publications	..	506	2	6			
		<u>506</u>	<u>2</u>	<u>6</u>	7,401	0	0
					<u>13,404</u>	<u>15</u>	<u>0</u>

STATEMENT No. 20.

1941.

(1) Deposit Account (Savings Bank

	Rs. As. P.	Rs. As. P.
To Balance from last Account ..	....	2,655 15 0
Deposit of Interest realized from loans during the year ..	49 7 0	
Deposit of Contributions during the year ..	1,315 5 0	
Deposit of Advances returned ..	1,169 6 0	
	<hr/>	2,534 2 0
Interest for the year ..	....	397 4 4
		<hr/>
		5,587 5 4
		<hr/>

STATEMENT No. 21.

1941.

(2) Deposit Account (Fixed Deposit

	Rs. As. P.	Rs. As. P.
To Balance from last Account	40,000 0 0
Deposit during the year	10,000 0 0
		<hr/>
		50,000 0 0
		<hr/>

STATEMENT No. 20.*Deposit with Imperial Bank of India).***1941.**

	Rs. As. P.	Rs. As. P.
By Withdrawal for Staff Advances, etc.	2,106 0 0
Cost of a stamp	0 1 0
Balance as per Balance Sheet	3,481 4 4

5,587 5 4

STATEMENT No. 21.*with Imperial Bank of India).***1941.**

	Rs. As. P.	Rs. As. P.
By Balance as per Balance Sheet	50,000 0 0
		<hr/> 50,000 0 0 <hr/>

STATEMENT No. 22.

1941.

(3) Investments

To Balance from last Account Rs. As. P.
3,05,373 12 0

3,05,373 12 0

Face Value Rs.	FUNDS.	Rate @ Rs. %	31st December, 1941, Valuation.	31st December, 1940, Valuation or cost.	Depreciation or Appreciation.
			Rs. A. P.	Rs. A. P.	Rs. A. P.
	ROYAL ASIATIC SOCIETY OF BENGAL.				
	PERMANENT RESERVE.				
16,700	3½% G. P. Notes, 1842-43	}			
1,53,700	3½% G. P. Notes, 1854-55				
44,300	3½% G. P. Notes, 1865				
6,000	3½% G. P. Notes, 1879				
83,000	3½% G. P. Notes, 1900-01				
2,53,700					
500	3% G. P. Notes, 1896-97	92/8-79/12-	2,34,672 8 0	2,38,636 9 0	3,964 1 0
			898 12 0	404 6 0	5 10 0
	TEMPORARY RESERVE.				
12,000	3½% G. P. Notes, 1900-01	92/8-	11,100 0 0	11,287 8 0	187 8 0
11,400	4½% Loan, 1955-60	112/14-	12,867 12 0	12,825 0 0	42 12 0
	BARCLAY MEMORIAL FUND.				
700	3½% G. P. Notes, 1854-55	92/8-	647 8 0	658 7 0	10 15 0
	SERVANTS' PENSION FUND.				
3,000	3½% G. P. Notes, 1854-55	92/8-	2,775 0 0	2,821 14 0	46 14 0
	ANNANDALE MEMORIAL FUND.				
4,000	3½% G. P. Notes, 1854-55	92/8-	3,700 0 0	3,762 8 0	62 8 0
	PERMANENT LIBRARY ENDOWMENT FUND.				
14,000	3½% G. P. Notes, 1854-55	92/8-	12,950 0 0	13,168 12 0	218 12 0
	SIR WILLIAM JONES MEMORIAL FUND.				
3,000	3½% G. P. Notes, 1854-55	92/8-	2,775 0 0	2,821 14 0	46 14 0
	PRAMATHANATH BOSE MEMORIAL FUND.				
800	3½% G. P. Notes, 1842-43	}			
1,000	3½% G. P. Notes, 1865		1,665 0 0	1,663 2 0	2 2 0
	JOY GOBIND LAW MEMORIAL FUND.				
3,000	3½% G. P. Notes, 1854-55	92/8-	2,775 0 0	2,821 14 0	46 14 0
	CALCUTTA SCIENCE CONGRESS PRIZE FUND.				
3,000	3½% G. P. Notes, 1854-55	92/8-	2,775 0 0	2,821 14 0	46 14 0
	DR. BRÜHL MEMORIAL FUND.				
1,000	3½% G. P. Notes, 1854-55	92/8-	925 0 0	940 10 0	15 10 0
	PROVIDENT FUND.				
5,200	3% Loan (1963-65)	92/11-	4,819 12 0	5,065 10 0	245 14 0
6,000	3½% G. P. Notes, 1900-01	92/8-	5,550 0 0	5,643 12 0	93 12 0
3,32,800			3,00,896 4 0	3,05,373 12 0	4,977 8 0

STATEMENT No. 22.

*Account.**1941.*

				Rs. As. P.		
To Depreciation on Investments revalued						
on 31-12-41	..	....		4,977	8	0
Balance as per Balance Sheet	..	....		3,00,396	4	0
				3,05,373	12	0

STATEMENT No. 23.

1941.

Cash

For the year ended 31st

To	Rs. As. P.	Rs. As. P.
Balance from last Account	6,836 7 6
General Fund Account	33,232 7 6
Oriental Publication Fund No. 1 Account	7,600 0 0
Oriental Publication Fund No. 2 Account	4,800 0 0
Sanskrit Manuscripts Fund Account	6,080 0 0
Barclay Memorial Fund Account	24 4 0
Servants' Pension Fund Account	104 12 0
Annandale Memorial Fund Account	138 8 0
Permanent Library Endowment Fund Account	489 0 0
Sir William Jones Memorial Fund Account	104 12 0
Joy Gobind Law Memorial Fund Account	104 12 0
Calcutta Science Congress Prize Fund Account	104 12 0
Dr. Brühl Memorial Fund Account	34 12 0
Pramathanath Bose Memorial Fund Account	49 7 0
Provident Fund Account	1,381 2 0
Advances Account	1,430 0 0
Personal Account	17,858 6 3
Publication Fund Account	506 2 6
Savings Bank Deposit Account, Imperial Bank of India, Calcutta	2,106 0 0
		<hr/>
		82,985 8 9
		<hr/>

STATEMENT No. 23.

Account.

1941.

December, 1941.

By	Rs. As. P.	Rs. As. P.
General Fund Account	47,800 0 6
Oriental Publication Fund No. 1 Account	2,886 7 0
Oriental Publication Fund No. 2 Account	1,867 14 9
Sanskrit Manuscripts Fund Account	4,413 9 0
Arabic and Persian Manuscripts Fund Account	1,102 8 0
Servants' Pension Fund Account	132 0 0
Building Repair Fund	2,930 9 6
Advances Account	2,333 0 0
Personal Account	2,597 8 6
Savings Bank Deposit Account, Imperial Bank of India	2,534 2 0
Fixed Deposit Account, Imperial Bank of India	10,000 0 0
Balance as per Balance Sheet—		
In hand	33 12 0
With the Imperial Bank of India, on Current Account	4,804 1 6

82,985 8 9

STATEMENT No. 24.

1941.

Balance

As at 31st

LIABILITIES.

	Rs. As. P.	Rs. As. P.
General Fund Account	2,82,067 6 4
Oriental Publication Fund No. 1 Account	14,861 12 8
Sanskrit Manuscripts Fund Account	17,846 6 0
Barclay Memorial Fund Account	749 2 8
Servants' Pension Fund Account	3,585 14 8
Annandale Memorial Fund Account	4,462 12 9
Permanent Library Endowment Fund Account	16,176 7 8
Sir William Jones Memorial Fund Account	3,133 11 0
Pramathanath Bose Memorial Fund Account	2,027 12 0
Joy Gobind Law Memorial Fund Account	3,088 12 0
Calcutta Science Congress Prize Fund Account	4,067 6 7
Dr. Brühl Memorial Fund Account	1,111 3 0
Building Repair Fund Account	3,386 9 6
Provident Fund Account	17,279 0 4
Publication Fund Account	6,931 9 6
Personal Account—Sundry Liabilities	633 11 6
		<hr/>
		3,81,409 10 2

We have examined the above Balance Sheet and the appended detailed accounts with the Books and Vouchers presented to us and certify that they are in accordance therewith, and, in our opinion, set forth correctly the position of the Society as at 31st December, 1941.

PRICE, WATERHOUSE, PEAT & Co.,

Calcutta,
29th January, 1942.

Auditors,
Chartered Accountants,
Registered Accountants.

STATEMENT No. 24.

Sheet.

1941.

December, 1941.

ASSETS.				Rs. As. P.			Rs. As. P.		
Oriental Publication Fund No. 2 Account				8,152	14	7			
Arabic and Persian Manuscripts Fund Account				4,243	11	3	12,396	9	10
Advances Account				3,428	0	0			
Personal Account—Sundry Outstandings ..				6,869	10	6	10,297	10	6
Deposits:—									
Savings Bank Deposit Account, Imperial Bank of India				3,481	4	4			
Fixed Deposit Account, Imperial Bank of India				50,000	0	0	53,481	4	4
Investments Account .. .. .				....			3,00,396	4	0
Cash Account:—									
In hand				33	12	0			
With the Imperial Bank of India, on Current Account				4,804	1	6	4,837	13	6
							3,81,409	10	2

BAINI PRASHAD,
Honorary Treasurer.

[APPENDIX IV.]

Abstract Proceedings Council, 1941.

(Rule 48 f.)

ANNUAL MEETING—

Annual Meeting. Adopt usual procedure.
No. 2. 29-1-41.

Suggestion regarding request to H.E. the Governor and Patron of the Society to preside over the Annual Meeting in February 1942. The General Secretary to invite His Excellency the Governor of Bengal to preside at the Society's Annual Meeting on Monday, the 2nd February, 1942.

No. 26. 26-11-41.

Letter dated 9-12-41 from the Private Secretary to H.E. the Governor of Bengal, informing that owing to the present international situation, it is not possible for His Excellency to commit himself to an engagement so far ahead to preside over the Annual Meeting of the Society on 2-2-42. Record.

No. 3. 18-12-41.

ANNUAL REPORT—

Annual Report for 1940. Adopt after revision by the President.
No. 1. 29-1-41.

A.R.P. MEASURES—

Letter No. Home Dept. Political 47(6)-P of 7-1-41 re: the safeguarding of valuable documents of the Society against possible air raids. (1) Find out from the Government of Bengal if there is any proposal for safely housing valuable documents from air raids outside Calcutta; (2) if so whether it will be possible for the Government to store the Society's valuable MSS. and documents there.

No. 4. 29-1-41.

The Council considered further the question of the Safe Custody of the manuscripts and other valuable documents in its possession and resolved that Mr. L. R. Fawcus, Member, Board of Revenue, be approached by the General Secretary with a view to enquire whether it will be possible for him to arrange for the Safe Custody of the most valuable MSS. and documents belonging to the Society in the palace of the Nawab Bahadur of Murshidabad against possible air raids.

No. 16. 28-2-41.

Letter No. 2694 of 10-3-41 from the Secretary to the Board of Revenue, Bengal re: the utilization of a portion of the Palace of the Nawab of Murshidabad for safe custody of the Society's Manuscripts. Find out total weight and area required for the safe custody of the most valuable Manuscripts, Paintings, etc., of the Society.

No. 15. 31-3-41.

Further consideration of measures to be taken for protection of the Society's valuable Manuscripts and other possessions against air raid. Adopt measures suggested by the Government in the circular issued regarding fire from air raids.

No. 13.

28-4-41.

Letter from the Secretary to the Government of Bengal, No. 112T. Edn. of 5-5-41, regarding the evacuation of irreplaceable MSS. in the possession of the Society. Enquire from Sir Sarvapalli Radhakrishnan, Kt., Vice-Chancellor, Benares Hindu University, whether it would be possible to house some of the valuable Manuscripts and records of the Society in the Library of the University under proper safeguards.

No. 1.

30-5-41.

Report by the General Secretary of steps taken by the Society against possible air raids. General Secretary's action be approved. Ask the advice of Sir S. Bhatnagar, Director of Scientific and Industrial Research Board, for additional protective measures against incendiary bombs.

No. 12.

30-5-41.

Letter No. 563(6), Misc. of 21-5-41, from the Government of Bengal, enclosing copy of a memorandum on protection of glass doors and windows at the time of air raids. Postpone consideration.

No. 16.

30-5-41.

Letter No. 6593 of 9-6-41 from the Board of Revenue, Bengal, enclosing an extract from a letter No. 3(Con.) of 2-6-41 from the Manager of the Murshidabad Estate, re: storage of our Manuscripts. Postpone consideration.

No. 1.

30-6-41.

Recommendation Finance Committee No. 3(a) of 23-6-41. Allocation of Fund for the expenditure incurred due to A.R.P. measures. The expenditure be met from the General Fund of the Society as a special case. Accepted by Council.

No. 5.

30-6-41.

Letter dated 2-8-41 from the Benares Hindu University regarding the storage of Society's MSS. in the Library of the Hindu University. Resolved that (a) the Benares Hindu University be thanked for agreeing to store our Manuscripts, etc., in their Library; (b) a complete set of the Bibliotheca Indica as well as of the Journals and Memoirs of the Society be stored at Benares along with the manuscripts; (c) the General Secretary be requested to find out the total amount of money that will be required for transporting the MSS., etc., and insuring them against railway risks, burglary and fire.

No. 2.

29-8-41.

Letter dated 4-9-41 from the Vice-Chancellor, Muslim University, Aligarh, suggesting the transfer of Persian, Urdu and Arabic MSS. of the Society to the Lytton Library of the Muslim University. Inform the Vice-Chancellor that it is not proposed to send these MSS. on permanent loan to any institution.

No. 2.

18-9-41.

Recommendation Finance Committee No. 7 of 15-12-41. Resolved that the General Secretary be authorised to take all necessary measures for additional protection against possible air raids. Accepted by Council.

No. 8.

15-12-41.

Our letter No. 1849 of 22-9-41 to Sir Zia-ud-din Ahmed and his reply of 24-9-41 re: the transfer of our Persian, Arabic and Urdu MSS. to the Lytton Library of the Aligarh University. Record.

No. 3.

26-11-41.

Letter No. 14467 of 24-9-41 from the Benares Hindu University re: storage of our valuable MSS. in its library and a plan of the first floor of the library building wanted for purpose of insurance. Postpone consideration and prepare statement of costs to cover insurance, packing and transportation.

No. 4.

26-11-41.

The question of the removal of the Society's valuable Manuscripts, books, etc., which was postponed from the last Council Meeting. The General Secretary, in consultation with the President, to take all necessary steps for the immediate removal of the Manuscripts to Benares according to the proposals already submitted, and the expenditure incurred in this connection is to be met out of O. P. Fund No. 1 and the Sanskrit Manuscripts Fund. Steps for the protection of other valuable historical possession, such as, the Asokan Edict, are also to be taken by the General Secretary in consultation with the President.

No. 22.

18-12-41.

Letter dated 16-12-41 from Mr. C. W. Gurner enquiring whether the Council could raise the question of requesting His Excellency's kind permission to have some of the valuable pictures to be removed to the Government House, Darjeeling. The General Secretary be authorised to take the necessary steps in consultation with the President, the Hon'ble Mr. Justice N. G. A. Edgley and Mr. C. W. Gurner, for the removal of the most valuable paintings in the possession of the Society.

No. 24.

18-12-41.

Report of A.R.P. measures taken by the Society and the question of formation of watch and war squads. Approved; the General Secretary in consultation with the President arrange the necessary details with regard to further A.R.P. measures to be taken.

No. 26.

18-12-41.

ARTISTIC POSSESSIONS—

Letter from Sir Upendra Nath Brahmachari dated the 25th August presenting a photograph of Sir John Lort-Williams to the Society. Accept with thanks.

No. 23.

29-8-41.

ASSESSMENT—

Notice of enhanced assessment from the Calcutta Corporation and action taken thereon by the General Secretary. Action approved.

No. 18.

18-12-41.

ASSOCIATE MEMBER—

Letter to the President of the R.A.S.B. from Mr. L. S. Dugin resigning the Associate Membership of the Society. Accept his resignation.
No. 1. 28-4-41.

AT HOME—

On the proposal of the General Secretary it was resolved that an 'At Home' be given in honour of the Hon'ble Mr. Justice John Lort-Williams, Kt., on the eve of his retirement.
No. 13. 28-7-41.

Accounts of the 'At Home' given by the Council to Sir John Lort-Williams on the eve of his retirement. Record.
No. 24. 29-8-41.

BIBLIOTHECA INDICA—

Recommendation Finance Committee No. 2(g) of 29-1-41. Prof. Chintaharan Chakravarti, for revising and editing charges of Bib. Indica 'Dharmabindu', pp. 1-165, bill dated 22-1-41 Rs.131-4-0. Pay. Accepted by Council.
No. 10. 29-1-41.

Recommendation Publication Committee No. 2 of 29-1-41. Letter from Vishvesvaranand Vedic Research Institute, Lahore, requesting for a set of printed sheets and proofs of 'Vaikhanasa Srauta Sutram' to be supplied in advance for preparing Vedic concordance. Grant. Accepted by Council.
No. 12. 29-1-41.

Consideration of the list of incomplete works in Sanskrit, Hindi, Arabic and Persian and Tibetan published by Society in the Bibliotheca Indica series together with a letter dated 14th May, 1941, from Dr. B. C. Law containing suggestions on two works, Lalitavistara and Bodhicaryavataram (Nos. 90 and 150). Resolved that (1) the publication of the following works be not proceeded with:

Sanskrit, Hindi, etc.—

Brahma Sutra	..	..	Work No. 68
Prthviraja-rasau	..	..	77
Yaska's Nirukta	..	..	89
Lalitavistara	..	..	90
Susruta-samhita (trans. by Hoernle)	..	..	95
Sri-bhashya	..	..	117
Padmavati	..	..	135
Mahabhashya Pradipodyata	..	..	142
Bhattadipika	..	..	143
Bhashavrtti	..	..	209
Smrtiprakasa	..	..	216
Saduktikarnamrta	..	..	217

Arabic and Persian.—

Tuzak-i-Jahangiri	..	..	Work No. 126
Ahsanu't Taqasim fi Ma'rifati'il Aqalim	..	..	137

(2) The publication of the following works be decided after further consideration:

Sanskrit, Hindi, etc.—

Satapathabrahmana	..	..	Work No. 145
Bodhicaryavatarapanjika	..	..	150
Nityacarapaddhati	..	..	152
Satasahasrikaprajnaparamita	..	..	153
Satadushani	..	..	158
Nityacarapradipa	..	..	160
Samaraicca-kaha	..	..	169
Yogasastra	..	..	172
Tattvacintamanididhitiprakasa	..	..	194
Tattvacintamanididhitivivrti	..	..	196
Anumanadidhitiprasarini	..	..	199
Mugdhavodhat Yakarana	..	..	201
Nyayavarttikatatparyaparisuddhi	..	..	205
Surisurvasva	..	..	218
Prajnapradipa	..	..	226
Vajjalaggam	..	..	227
Prthvirajavijaya	..	..	228
Surajprakasa	..	..	239

(3) That steps be taken to complete the publication of the following works:

Sanskrit, Hindi, etc.—

Vidhanaparijata	..	..	Work No. 156
Balambhatti	..	..	162
Santinathacaritam	..	..	178
Karmapradipa	..	..	179
Kiranavali	..	..	200
Kavikalpalata	..	..	221

Arabic and Persian.—

Marhamu'l-'Ilal	..	..	190
Shah 'Alam Nama	..	..	211
Bhagavat Gita in Persian	..	..	..
Haft Iqlim	..	..	215
'Amal-i-Salih	..	..	214
Ma'athiru'l-Umara	..	..	202

No. 1. Bib. Ind. Com.

14-5-41.

Letter from Prof. V. Vedantatirtha dated 4-5-41 re: Karmapradipa in the Bibliotheca Indica Series. Recommendation: Accept his suggestions.

No. 2. Bib. Ind. Com.

14-5-41.

Letter from Mr. P. C. Sen-Gupta offering to translate the Gargasamhita by Vrddhagarga. Recommendation: Enquire about size of work and then re-consider his offer. It was further resolved that in future only complete Manuscripts should be accepted.

No. 3. Bib. Ind. Com.

14-5-41.

Statements regarding the present position of O.P. Fund No. 1 and 2 were considered. Recommendation: That the sale proceeds of the Bibliotheca Indica works be credited to the Publication Fund of the Society for financing the publication of works in that series.

No. 4. Bib. Ind. Com.

14-5-41.

Recommendations of the Bibliotheca Indica Committee of 14-5-41.
Accept. Prof. M. Z. Siddiqi to be supplied with a list of Arabic and
Persian works in the Bibliotheca Indica Series.

No. 5.

30-5-41.

Recommendation Finance Committee No. 2(c) of 26-5-41. Dr. M.
Hidayat Hosain for editing charges 'Humayun Nama', pp. 101-376
bill dated 12-5-41.....Rs. 414-0-0. Pay. Accepted by
Council.

No.

30-5-41.

Recommendation Publication Committee No. 3 of 23-7-41. Question
of writing an introduction for 'Tirtha Kalpa', a work in the Bibliotheca
Indica Sanskrit Series, now being completed by Pandit Kedarnath of
Jaipur City. Request Dr. S. K. Chatterji to write the introduction.
Accepted by Council.

No. 9.

28-7-41.

Recommendation Publication Committee No. 4 of 23-7-41. Question
of dedicating the work 'Tirtha Kalpa' by Pandit Kedarnath to Rao
Bahadur K. N. Dikshit on a slip attached to the final proof of this work.
Express inability to accede to request. Accepted by Council.

No. 9.

28-7-41.

Recommendation Finance Committee No. 2(c) of 25-8-41. Pandit
Kedarnath Tarkatirtha, for editing Bib. Ind. 'Tirtha Kalpa', pp. 97-361
bill dated 21-8-41. Rs.265. Pay. Accepted by Council.

No. 11.

29-8-41.

Letter dated 4-9-41 from Sh. Abdur Rashid requesting permission to
translate Khwand Mir's Qanun-i-Humayuni into Urdu. Permit
translation on usual conditions but intimate inability to publish transla-
tion in Journal.

No. 19.

18-9-41.

Recommendation Publication Committee No. 6 of 20-11-41. English
translation of Malik Muhammad Jaisi's 'Padmavati' prepared by
Mr. A. G. Shirreff, I.C.S., for Bibliotheca Indica. Resolved that the
work be published in the Bibliotheca Indica Series according to the
recommendations of Dr. S. K. Chatterji in so far as these are in agree-
ment with the Rules and Regulations of the Society. Accepted by
Council.

No. 22.

26-11-41.

Letter dated the 20th November, 1941, from Dr. R. C. Majumdar
addressed to Dr. Baini Prasad giving his opinion on Maathir-i-Umara
published by the Society. Record.

No. 33.

26-11-41.

Recommendation Finance Committee No. 3(a) of 15-12-41. Honora-
rium for cataloguing Arabic Manuscripts for the month of November,
1941, due to the late Dr. M. Hidayat Hosain. Pay to the wife of the
late Dr. M. H. Hosain.

No. 8.

18-12-41.

BUDGET—

Consideration of Budget Estimate for 1942. After discussion, the Budget Estimate for 1942 was unanimously adopted.

Dr. J. N. Mukherjee raised the point about the method of maintaining Manuscripts out of the O.P. Fund No. 1 and the Sanskrit Manuscripts Fund which was ruled out of order in discussion of the Budget by the President on objection made by Mr. C. W. Gurner. The question of the extraordinary expenditure in connection with the removal of the Society's Manuscripts to Benares was then discussed but Dr. J. N. Mukherjee objected as he considered this out of order also and left the meeting. The matter was then discussed informally and it was decided to place it before the next meeting of the Council. In the meantime the General Secretary was authorised to take the necessary steps to get the MSS. duly packed and made ready for despatch to Benares as soon as the Council's sanction was obtained.

Sp. Fin. Com.

10-12-41.

Budget estimates for 1942. Minutes of the Special Finance Committee of 10-12-41, and a letter dated 12-12-41 from Dr. J. N. Mukherjee containing a motion arising therefrom. (1) Accept the estimates as recommended by the Special Finance Committee; (2) Resolved: That in future all matters concerning the financial affairs of the Society especially the statements concerning the different funds and general financial position of the Society, presented at the Annual Meeting, shall be considered by the Finance Committee before they are submitted to the Council, unless the Council or the President in case of emergency may have directed otherwise in specific instances.

No. 21.

18-12-41.

BUILDING—

Recommendation Finance Committee No. 4(a) of 29-1-41. Estimates received from firms for providing doors and nets of expanded metal in the Stock Room and Library. (1) The General Secretary to call for samples of the expanded metal and to decide who should be given the order. (2) The lowest estimate be accepted other things being equal. Accepted by Council.

No. 10.

29-1-41.

Recommendation Finance Committee No. 2(c) of 23-4-41. Tropical Engineering Co., by cost of supplying materials and labour for expanded metal fixing at doors and windows, bill dated 22-3-41. Rs.217-12-0. Pay. Accepted by Council.

No. 5.

28-4-41.

Recommendation Finance Committee No. 2(f) of 26-5-41. A. Hamid & Co., by repairs done to the Society's premises, bill dated 19-12-40.....Rs.770-8-6. Pay. Accepted by Council.

No. 6.

30-5-41.

Recommendation Finance Committee No. 3(c) of 15-12-41. Society's contribution to the Building Repair Fund, Rs.2,000. Transfer. Accepted by Council.

No. 8.

18-12-41.

CATALOGUES—

Letter No. J/4514, dated the 9th April, 1941, from the Solicitors, Messrs. B. N. Basu & Co., in connection with Mr. Ivanow's complaints regarding publication of Arabic Catalogue. The General Secretary to draft a suitable letter to Mr. Ivanow explaining the position of the Society with regard to his complaints in consultation with the President and the Solicitors of the Society.

Ivanow Sub-Committee.

23-4-41.

Report of the Sub-Committee appointed by the Council to consider the letter addressed to the President by Mr. W. Ivanow. (1) Issue a new title page without names, simply stating that the work is published under the authority of the R.A.S.B.; (2) Withdraw the preface and request the General Secretary to write a fresh preface stating the respective contributions of Mr. W. Ivanow and Dr. Hosain and including the list of MSS., books, etc., used in the preparation of the Catalogue; (3) Communicate decision of the Council to Mr. W. Ivanow.

No. 8.

28-4-41.

Letter dated 20-6-41 from Mr. W. Ivanow in reply to the Council's offer contained in letter of 16-5-41. Resolved that Mr. W. Ivanow be supplied with a draft of the preface to be published by the Society.

No. 2.

30-6-41.

Recommendation Publication Committee No. 2 of 23-4-41. Material for a Catalogue of Vernacular (Bengali) MSS. in the Collection of the Society prepared by the late MM. H. P. Sastri and revised edited by Jogendranath Gupta. Accept for publication. Mr. J. N. Gupta to write an Introduction and to see the catalogue through the press as suggested by Dr. S. K. Chatterji. The usual rate of remuneration of Rs.1/8/- per printed page to be paid to him. Accepted by Council.

No. 7.

28-4-41.

Recommendation Publication Committee No. 3 of 26-5-41. Letters from Sir S. Radhakrishnan and Prof. V. Vedantatirtha together with the General Secretary's note regarding the publication of the remaining volumes of the Sanskrit MSS. Catalogue. Give Vol. IX dealing with Philosophy to Mr. Narendra Chandra Bhattacharyya Samkhatirtha, Vedantatirtha, Mimamsatirtha, M.A.; Vol. X dealing with Jyotisha or Astronomy to Prof. P. C. Sen-Gupta and Mr. N. C. Lahiri; Vol. XIII dealing with Vaidyaka or medicine to Kaviraj Bimalananda Tarkatirtha who should consult Dr. K. P. Biswas with regard to the botanical terms and Vol. XIV (Miscellaneous) and Vol. XV (Addenda and Supplements) to be given to Mr. Chintaharan Chakravarti for checking and verification on usual rate of remuneration.

No. 8.

30-5-41.

Recommendation Library Committee No. 1 of 15-9-41. Letter from Prof. P. C. Sen-Gupta recommending the purchase of a number of books on Astronomy and Astrology in connection with the preparation of the Catalogue of Sanskrit MSS. Purchase the books recommended by Prof. Sen-Gupta, and debit the Sanskrit MSS. Fund for the cost. Accepted by the Council.

No. 12.

18-9-41.

Letter from Mr. Chintaharan Chakravarti intimating his transfer to Krishnagar College and suggesting that he may be allowed either to

take MSS. from here to Krishnagar or to work on off days and holidays in the Society in connection with his work on the Catalogue of Sanskrit MSS. Allow Mr. Chakravarti to work here on off days and holidays on a pro-rata basis.

No. 4.

29-8-41.

Letter dated 27-10-41 from Mr. T. Vimalananda, Assistant Secretary, Maha Bodhi Society, Calcutta, requesting permission of the Society to catalogue the Sinhalese, Burmese and Siamese MSS. of the Society. Permit him to take notes of these MSS.

No. 17.

26-11-41.

COMMITTEES—

Constitution of Standing Committees, viz., Finance, Library, Publication and the Bibliotheca Indica. That the following shall constitute the Standing Committees of the Society for 1941-42.

(a) *Finance Committee :*

President.
Treasurer.
General Secretary.
Dr. C. S. Fox.
Dr. S. C. Law.
Dr. S. P. Mookerjee.
Dr. J. N. Mukherjee.
Major C. L. Pasricha.
Mr. C. W. Gurner.

(b) *Library Committee :*

President.
Treasurer.
General Secretary.
Philological Secretary.
Jt. Philological Secretary.
Biological Secretary.
Physical Science Secretary.
Anthropological Secretary.
Medical Secretary.
Library Secretary.
Philosophical Secretary.
Historical and Archaeological Secretary.
Khan Bahadur K. M. Asadullah.
Prof. M. Z. Siddiqi.

(c) *Publication Committee :*

President.
Treasurer.
General Secretary.
Philological Secretary.
Jt. Philological Secretary.
Biological Secretary.
Physical Science Secretary.
Anthropological Secretary.
Medical Secretary.
Library Secretary.
Philosophical Secretary.
Historical and Archaeological Secretary.

(d) Bibliotheca Indica Committee :

President.
 Treasurer.
 General Secretary.
 Dr. S. K. Chatterji.
 Prof. M. M. Haq.
 Dr. B. C. Law.
 Sir S. Radhakrishnan.
 Sir Jadunath Sarkar.
 Dr. M. Z. Siddiqi.
 Hon'ble Mr. Justice N. G. A. Edgley.
 Mr. T. N. Ramachandran.
 Prof. V. Vedantatirtha.

No. 5.

28-2-41.

CONGRATULATIONS—

Recommendations of the Sub-Committee for making necessary arrangements re: Society's felicitations on the 80th birthday of Sir P. C. Ray and of Sir Nilratan Sarkar. Send congratulatory addresses to both.

No. 13.

29-1-41.

List of Fellows and members of the Society who received the New Year Honours, and letters in acknowledgment of the Society's felicitations for the same. Record.

No. 15.

29-1-41.

Recipients of King Emperor's Birthday Honours. Congratulate.

No. 11.

30-6-41.

Letter dated 21-7-41 from Dr. J. N. Mukherjee requesting the Society to participate in the celebration of the 80th birthday of Sir P. C. Ray on 2-8-41 and to send him a letter of congratulations. Present a suitable address to Sir P. C. Ray signed by the President. The General Secretary is to represent the Society and read the address on behalf of the Society.

No. 2.

28-7-41.

Letter dated 22-7-41 from MM. Sir Ganganath Jha, Kt., expressing his thanks for the Society's congratulations on his obtaining a Knighthood. Record.

No. 12.

28-7-41.

COUNCIL—

Vote of thanks to the outgoing Council. Pass a vote of thanks.

No. 17.

29-1-41.

Acceptance of seats on Council by the Council Members. Record. The Chairman extended a hearty welcome to the new members.

No. 1.

28-2-41.

The General Secretary reported that he would be absent from Calcutta from the 1st to the 25th of October and that during his absence Dr. Kalidas Nag, Historical and Archaeological Secretary, will carry on the duties of the General Secretary. Approve the arrangement made by the General Secretary.

No. 21.

18-9-41.

Informal consideration regarding composition of Council for 1942-43.

On Dr. Bains Prashad's expressing a desire to retire from the Council during the coming year, the following list of candidates for nomination to next year's Council was placed after discussion before the meeting for consideration:

President	..	..	Dr. C. S. Fox.
Vice-President	..	..	Sir John Lort-Williams, Kt.
"			Dr. S. P. Mookerjee.
"			Dr. S. K. Chatterji.
"			Dr. M. N. Saha.
General Secretary	..	..	Dr. B. S. Guha.
Treasurer	..	..	C. W. Gurner, Esq.
Philological Secretary	..	..	Dr. Nalinaksha Dutt.
Joint Philological Secretary	..	..	Prof. M. Mahfuz-ul Haq.
Natural Hist. Secretary (Biology)			Dr. K. P. Biswas.
Natural Hist. Secretary (Phys. Science)	..	..	Dr. K. N. Bagchi.
Anthropological Secretary	..	..	H. C. Chakladar, Esq.
Philosophical Secretary	..	..	Prof. Vanamali Vedantatirtha.
Historical and Archaeological Secretary	..	..	Vacant.
Medical Secretary	..	..	Dr. John B. Grant.
Library Secretary	..	..	Dr. Kalidas Nag.
Member of Council	..	..	Dr. S. C. Law.
"			Dr. M. Z. Siddiqi.
"			Hon'ble Mr. Justice N. G. A. Edgley.
"			Mr. L. R. Fawcett.
"			Dr. S. L. Hora.

Unanimously resolved that the General Secretary do print and circulate to the members of Council the list of Council as at present constituted, together with the new list placed before the meeting, and provided with a blank column for additional names, and that these lists be returned to the General Secretary within a week of the date of issue, and that a list be compiled of the candidates finally proposed and be placed before the next Council meeting to be voted upon.

No. 19.

26-11-41.

On the motion of Dr. Syamaprasad Mookerjee it was resolved unanimously to record Society's great appreciation of the services of (1) Dr. Bains Prashad as Member of Council, as Natural History Secretary (Biology), as Treasurer and as Secretary of the Re-organisation Committee between 1924-1941 and of (2) Dr. J. N. Mukherjee as Natural History Secretary (Physical Science) and as Library Secretary between 1933-1941.

No. 34.

26-11-41.

Council Nomination, 1942-43. The General Secretary reported that 13 Council Members had returned the list of candidates circulated, duly signed and with a few alternative suggestions.

After discussion, resolved that the following names be declared as Council candidates for election to next year's Council, and that the list be ordered to be issued to the Resident Members as prescribed in Rule 44.

President	..	..	Dr. C. S. Fox.
Vice-President	..	..	Sir John Lort-Williams, Kt.
"			Hon'ble Dr. S. P. Mookerjee.

Vice-President	Dr. S. K. Chatterji.
"	Dr. Meghnad Saha.
General Secretary	Dr. B. S. Guha.
Treasurer	C. W. Gurner, Esq.
Philological Secretary	Dr. Nalinaksha Dutt.
Joint Philological Secretary	Prof. M. Mahfuz-ul Haq.
Nat. Hist. Secretary (Biology)	Dr. K. P. Biswas.
Nat. Hist. Secretary (Physical Science)	Dr. K. N. Bagchi.
Anthropological Secretary	H. C. Chakladar, Esq.
Philosophical Secretary	Prof. V. Vedantatirtha.
Hist. and Arch. Secretary	Dr. Kalidas Nag.
Medical Secretary	Dr. J. B. Grant.
Library Secretary	Dr. S. L. Hora.
Member of Council	Dr. S. C. Law.
"	Prof. M. Z. Siddiqi.
"	Hon'ble Mr. Justice N. G. A. Edgley.
"	L. R. Fawcus, Esq.
No. 23. "	18-12-41.

EXCHANGE—

Recommendation Library Committee, No. 1 of 29-1-41. Application for an exchange of publication from the Director, Sri Venkateswara Oriental Institute, Tirupati. Exchange their publications of equal value with the Society's Journal. Accepted by Council.

No. 11.

29-1-41.

Letter from the Afghan Riyasat requesting our help in writing out the history of their country and desiring exchange of 'Kabul Magazines' with our Journals. (1) Profs. M. M. Haq and M. Z. Siddiqi to examine their request for assistance in writing out the history; (2) exchange their magazines with our Journal of equal value.

No. 14.

28-2-41.

Recommendation Library Committee No. 1 of 23-7-41. Application for exchange of publications from the Secretary, Board of Research, Osmania University. Agree to exchange, Journal. Accepted by Council.

No. 8.

23-7-41.

FINANCE—

Recommendation Finance Committee No. 3 of 29-1-41. Report re: investment by the Honorary Treasurer of a Fixed Deposit (receipt No. 18437) of Rs.10,000 for a further period of one year. Approve action taken. Accepted by Council.

No. 10.

29-1-41.

Recommendation Finance Committee No. 5 of 29-1-41. The Auditors' (Messrs. Price, Waterhouse, Peat & Co.) report dated 27-1-41 on the Statement of Accounts for the year ended 31st December, 1940. Circulate. Accepted by Council.

No. 10.

29-1-41.

Recommendation Finance Committee No. 2(a) of 27-12-41. Bill No. 525 of 3-2-41 from Messrs. Price, Waterhouse, Peat & Co., for Auditing fee for 1940. Pay. Accepted by Council.

No. 6.

28-2-41.

Recommendation Finance Committee No. 6 of 27-2-41. It was further resolved that all matters relating to finance should be submitted to the Treasurer before any action regarding them is taken, so far as practicable. Accepted by Council.

No: 6.

28-2-41.

Recommendation Finance Committee No. 4 of 24-3-41. Renewal of Fixed Deposit (Receipt No. 18521, dated 1-4-40) for Rs.10,000 with the Imperial Bank of India, Park Street, which will mature on 1st April, 1941. Renew.

No. 10.

31-3-41.

Recommendation Finance Committee No. 2(a) of 23-4-41. Bharat (Sales) Ltd., by cost of supplying materials for Stock-Register, bill dated 1-4-41. Rs.276-8-0. Pay. Accepted by Council.

No. 5.

28-4-41.

Recommendation Finance Committee No. 3(a) of 25-8-41. Renewal of a Fixed Deposit (Receipt No. 18673, dated 2-9-41) for Rs.10,000 with the Imperial Bank of India, Park Street, which will mature on 2-9-41. Renew as usual. Accepted by Council.

No. 11.

29-8-41.

Recommendation Finance Committee No. 3(b) of 25-8-41. Excess expenditure under the following heads over the Budget Estimate, 1941, and extra sanction required till the end of the year.

Stationery, Rs.300; Contingencies, Rs.482; Furniture, Rs.400.

Sanction excess expenditure to be met out of the surplus in other heads. Accepted by Council.

No. 11.

29-8-41.

Recommendation Finance Committee No. 4 of 25-8-41. Report conversion of Rs.5,000/3% Loan, 1941, belonging to the Provident Fund of the Society, to 3% loan 1963/65 in pursuance of the recent Government Notification. Action approved. Accepted by Council.

No. 11.

29-8-41.

Recommendation Finance Committee No. 3(a) of 20-11-41. Renewal of a Fixed Deposit (Receipt No. 34406, dated 29-10-40) for Rs.10,000 for a further period of one year, which matured on 20-10-41. Renew. Accepted by Council.

No. 20.

26-11-41.

Recommendation Finance Committee No. 3(c) of 20-11-41. Payment of Office Establishment Bills for October, 1941, as a special case without being put up before the Finance Committee for their formal approval. Resolved that the payment be approved. Accepted by Council.

No. 20.

26-11-41.

Recommendation Finance Committee No. 9 of 20-11-41. Bad debts to be written off owing to deaths, resignations, operation of Rule 38, Rule 40, etc. Write off the amounts except in the cases of Messrs. Mukul Dey, Rai Bahadur S. M. Bhuyan and Dr. C. C. Calder for final appeal by the General Secretary. Accepted by Council.

No. 20.

26-11-41.

Investment of Rs.10,000 to a Fixed Deposit with the Imperial Bank of India, Park Street, for one year beginning from 1st December 1941. Invest.

No. 31.

26-11-41.

Recommendation Finance Committee No. 2(b) of 15-12-41. Report Investment made of Rs.10,000 to a fixed deposit with the Imperial Bank of India, for a period of one year from 1st December, 1941, as per Council order dated 28-11-41. Record. Accepted by Council.

No. 8.

18-12-41.

Recommendation Finance Committee No. 4 of 15-12-41. Authority for payment of bills by the General Secretary and Treasurer till the next Finance Committee meeting. Authorise. Accepted by Council.

No. 8.

18-12-41.

FURNITURE—

Recommendation Finance Committee No. 2(d) of 26-5-41. Indian Electric Works Ltd., for supplying four 'India 69' fans with regulators, etc., complete, bill dated 7-4-41, Rs.565-2-0. Pay. Accepted by Council.

No. 6.

30-5-41.

GRANTS—

Letter No. 788 Misc. of 17-6-41 from the Government of Bengal informing the Society of the restoration of 20% cut in a monthly grant of Rs.250 towards publication of Sanskrit works in response to General Secretary's letter No. 1736 of 25-8-39. Convey the thanks of the Council to the Government and request it to restore the other cut.

No. 11.

28-7-41.

Letter dated November 24 from Dr. Baini Prashad regarding his conversation with Mr. Sargent, Educational Commissioner, about grants to the Society from the Government of India. Record.

No. 27.

26-11-41.

INDIAN HISTORICAL RECORDS COMMISSION—

Letter No. 5965-R.R. of 12-12-40 from the Government of Bengal together with enclosures asking the Society's suggestion in connection with the re-organisation of the Indian Historical Records Commission. Recommendation: Resolved that the papers be re-circulated to the members of the Sub-Committee and another meeting held next week. Special Committee.

4-6-41.

Letter No. 596(5) R-R of 12-12-40 from the Government of Bengal together with enclosures asking the Society's suggestion in connection with the re-organisation of the Indian Historical Records Commission. The following resolution was passed:

(1) We suggest that before the various proposals for the preparation of a list of all documents, and the publication of some of the more important ones, are taken in hand—a classification of the various documents in Government Collections—a sort of classified hand-list—may first be undertaken, viz., under different heads, like political, economic, administrative, intellectual and cultural, etc.; the different documents might be arranged serially, with a brief indication of their scope, the date, etc. This will be of immediate practical utility for researcher

who will then be in a better position to judge the value of particular documents for his use.

(2) We also propose that the composition of the Indian Historical Records Commission and of its publication and Research Committee should be extended and certain principles followed in nominating or selecting its personnel. There are to be of course some Government officials as *Ex-officio* members, but we consider that the Universities and Academic Institutions like ours should be given adequate representation, both on the Commission as well as on the Committees. The number and the manner of selection of such representatives and the panel of Universities to be selected may be fixed by the Government. We do not agree to the proposal of reducing the number of corresponding members from the existing figure to 40. Considering that historical study and research is making good progress in different parts of India, and the number of really competent scholars in Indian History is growing apace, we think it would serve to encourage historical research in India if the number of the corresponding members could be increased, so that all the Provinces and the Federated States might be fully associated with the work of the Commission.

(3) We would also draw the attention of the Commission to the fact that some arrangements might be made by which the largest number of research workers may avail of the documents in the Government collection at Delhi without much hardship or inconvenience. As things stand, by far the largest number of such workers come from the different University centres which are outside the city of Delhi. The Commission should in this connection utilise the co-operation of Universities and Institutions like ours, so that documents might be sent on loan on similar terms and conditions as MSS. (some of which are unique) are sent out to various parts of India by this Society and sometimes even from England to India by the India Office Library and *vice versa*.

(4) Lastly, we suggest that arrangements may also be made for microfilming documents whenever such microfilms are required by scholars.

11-6-41.

Report of the Indian Historical Records Commission Special Committee. Circulate the minutes of the Committee (dated 30th June, 1941) and re-consider the matter in the next meeting of the Council.

No. 4.

30-6-41.

Minutes of the meeting of the Indian Historical Records Commission Special Committee held on 11-6-41. Resolved that copies of the minutes be made and re-circulated to members of Council.

No. 1.

28-7-41.

Minutes of the Indian Historical Records Commission Special Committee. Accept as modified by Dr. Prashad.

No. 1.

29-8-41.

INSURANCE—

Recommendation Finance Committee No. 3 of 24-3-41. Renewal of Fire Policy No. 15467332 with the Commercial Union Assurance Co., Ltd., for Rs.2,50,000 at an annual premium of Rs.312-8-0 which falls due on 19th April, 1941. Renew. Accepted by Council.

No. 10.

31-3-41.

Recommendation Finance Committee No. 3(b) of 23-6-41. Renewal of annual premium of Rs.31-4-0 on Fire Policy No. 2014923 for Rs.25,000

with Messrs. Royal Insurance Co., Ltd., covering MSS. and Documents, etc., which will fall due on 6th July, 1941. Renew. Accepted by Council.

No. 5.

30-6-41.

Recommendation Finance Committee No. 3(b) of 23-7-41. Renewal of Fire Policy No. 15467733, with the Commercial Union Assurance Co., Ltd., for Rs.1,25,000 covering books and pictures at an annual premium of Rs.156-4 which will fall due on 10th August, 1941. Renew. Accepted by Council.

No. 7.

28-7-41.

LEASE—

Letter dated 8-1-41 from Messrs. B. N. Basu & Co. re: points raised by the President in connection with permission sought by the Standard Vacuum Oil Company. Ask the solicitors to make enquiries from the Corporation of Calcutta and other sources.

No. 5.

29-1-41.

Letter from Messrs. B. N. Basu & Co. dated 11-3-41 re: the proposed structure to be erected by Messrs. Standard Vacuum Oil Company. Allow them to build.

No. 1.

31-3-41.

LECTURES—

Letter dated 23-12-40 from Dr. S. L. Hora re: his proposed General Lecture. Accept Dr. Hora's suggestion to deliver a lecture on 'The Life-History and Wanderings of *Hilsa* in Bengal'.

No. 3.

29-1-41.

On the motion of the Hon'ble Mr. Justice Edgley it was resolved that the time of General Lectures in the Society be fixed at 6 p.m. instead of 5 p.m. as at present.

No. 14.

28-7-41.

LIBRARY—

Recommendation Library Committee of 27-2-41. It was further resolved that matters concerning the working of the Library should in all cases be submitted to the Library Secretary before any action regarding them is taken so far as practicable. Accepted by Council.

No. 7.

28-2-41.

Recommendation Library Committee of 24-3-41. It was resolved that a copy of the list of purchase recommendations is to be sent to each member of the Library Committee before the meeting. Accepted by Council.

No. 9.

31-3-41.

Recommendations of the Library Committee Nos. 2, 3, 4 and 5 of 24-3-41.

Note on the reinforcement and preservation of old records and Manuscripts received from the Library Secretary.

D.O. Letter No. 123/G.P./41 of 28-2-41 from Dr. J. N. Mukherjee in continuation of his previous note regarding the preservations of MSS.

D.O. letter No. 196/G.P./41 of 20-3-41 from Dr. J. N. Mukherjee enclosing a letter from Dr. S. N. Sen in connection with the preservation of MSS.

Letter of 21-3-41 from Mr. A. R. Foster of Messrs. The Imperial Chemical Industries (India), Ltd., regarding the preservation of MSS.

(1) Refer these to the Council; (2) Continue repairing the manuscripts by the present process. Accepted by Council.

No. 9.

31-3-41.

Report of the Committee for the disposal of incomplete books, etc., together with suggestions from Sectional Secretaries. Resolved that all such books, etc., be placed on the table for inspection by members of the Council and final decision.

No. 3.

28-4-41.

Recommendation Finance Committee No. 2(b) of 23-4-41. Bharat (Sales) Ltd., by cost of supplying materials for Library Register, bill dated 25-3-41. Rs.232-12-0. Pay. Accepted by Council.

No. 5.

28-4-41.

Application dated 17th April, 1941, from Prof. Dinesh Chandra Bhattacharya of Hooghly Mohsin College requesting permission to take notes, etc., from several Sanskrit manuscripts belonging to the Society. Apply rules.

No. 14.

28-4-41.

Application dated the 26th of June from Prof. Dinesh Bhattacharya of Hooghly Mohsin College praying for permission to take down notes and extracts from several manuscripts. Permit.

No. 13.

30-6-41.

Recommendation Library Committee No. 2 of 26-5-41. Letter from Dr. Raghu Vira, International Academy of Indian Culture, Lahore, suggesting the purchase of 'Ali-Kali-Bija-Haram' (The first book of Sanskrit with Tibetan and Mongolian transliteration) for the Society's Library—Rs.6. Purchase. Accepted by Council.

No. 7.

30-5-41.

Request for permission by Prof. I. Hikmet, Advisor at the Ministry of Education at Kabul, for photostat copies of first and the last page, etc., of MSS. Jan-i-Fuduli and Diwan-i-Kamran. Permit.

No. 15.

30-5-41.

Recommendation Library Committee No. 3 of 26-4-41. The question of the purchase of part III of 'Paippalada' Samhita (price Rs.30-14-0) of which the Society possesses parts I and II. Purchase. Accepted by Council.

No. 7.

30-5-41.

Change of Office and Library hours due to recent Government communique about light restrictions. Existing office hours to continue, but the Library to close at 6 p.m. from the 2nd June, 1941.

No. 10.

30-5-41.

Informal sanction for extra expenditure of Rs.760 incurred for the purpose of up-to-date registers and other equipments for the Library and the Stock rooms not provided for in the Annual Budget for 1941. Sanction.

No. 13.

30-5-41.

Recommendation Finance Committee No. 2(a) of 23-6-41. Bharat (Sales) Ltd., by cost of Library and Stock room equipments, bill dated 28-5-41. Rs.109-5-0. Pay. Accepted by Council.

No. 5.

30-6-41.

Letter dated 3-6-41 from Dr. N. N. Law regarding presentation of the 1940 issues of the Indian Historical Quarterly to the Society. Convey Society's thanks to Dr. N. N. Law.

No. 10.

30-6-41.

Letter No. RB/G-14 of 2-6-41 from Dept. of Commerce, Board of Scientific and Industrial Research, conveying their thanks to the Council for the privilege of borrowing books from the Library. Record.

No. 12.

30-6-41.

Purchase recommendations. Write to Mr. Percy Brown to present a copy of his work 'Indian Architecture' Vols. I and II, to the Library.

No. 2.

23-7-41.

Letter dated 13-8-41 from Mr. Suresh Chandra Banerjee asking permission to utilise some Sanskrit MSS. belonging to the Society. Resolved that Mr. Banerjee be permitted to utilise the following MSS. with suitable acknowledgment to the Society:

(a) Durgotsavaviveka (Cat. No. 113).

(b) Durgotsavaviveka (Cat. No. 5336).

(c) Durgotsavaviveka (Cat. No. 800).

(d) Vratakaviviveka (Cat. No. 3437).

(e) Vratakaviviveka (Cat. No. 114).

No. 8.

29-8-41.

Letter from Mr. C. W. Gurner suggesting that Library Regulation No. 12 should be more strictly enforced. Resolved that the Library Regulation No. 12 be strictly enforced.

No. 10.

26-11-41.

LOAN OF MANUSCRIPTS—

Application from the Calcutta University Library for loan of two MSS. of Samadhirajasutra. Lend on usual conditions.

No. 2.

28-2-41.

Letter No. 2632 dated 4-12-40 from the Punjab University Library, requesting the loan of 3 MSS. (1) Tandalaksana Sutra, (2) Kalpanjpada Sutram, and (3) Anupada Sutram. Issue under usual conditions.

No. 18.

31-3-41.

Letter No. 2000/39 of 20-2-41 from the Registrar, University of Allahabad, requesting the loan of the MS. Mayalaka Darpana. (1) Decline request as it is a rare work. (2) Ask the Registrar if they want a photostat copy to be made.

No. 19.

31-3-41.

Letter dated 18-4-41 from Dr. Hem Chandra Ray returning the MS. Surjanacaritam. Record and agree to his request not to issue the manuscript without first consulting him.

No. 15.

28-4-41.

Application by the Calcutta University Library for the loan of MS. Subhashita-Sara-Samuccaya, pt. 1. Lend on usual conditions.
No. 14. 30-5-41.

Application from the Punjab University Library for the loan of the MS. Kṛtyakalpataru. Lend on usual conditions.
No. 9. 30-6-41.

Applications from the Bhandarkar Oriental Research Inst., Poona, for loan of the MS. Malatimadhava, and the Sharh-i-Nuzahatul-Arwah. (1) Extend the period of the loan of the MS. Malatimadhava to 1st January, 1942, but call it back for inspection before lending it for a further period. (2) Decline request to borrow the Sharh-i-Nuzatul-Arwah, as it is in a damaged condition.
No. 4. 28-7-41.

Application from Visva Bharati for loan of the MS. Sirr-i-Akbar. Lend only No. 1708 of the Society's collection.
No. 5. 28-7-41.

Application dated 28-7-41 from the University of Madras for the loan of MS. Vedantakaumudibhashya. Postpone consideration till next meeting.
No. 7. 29-8-41.

Request from the Punjab University Library to lend them 5 MSS.

- (1) Sirajul-Lughat.
- (2) Majmua.
- (3) Majmua-e-dar-Aruz.
- (4) Diwan-i-Arzu.
- (5) Safinat-ush-Shuara.

Postpone consideration till next meeting.
No. 18. 29-8-41.

Request from Pandit Kedarnath for the loan of MSS. Sanatkumara-samhita and Suvarnatantara. Lend on usual conditions.
No. 19. 29-8-41.

Application dated 28-7-41 from the University of Madras for the loan of MSS. Vedantakaumudibhashya. Lend on usual conditions.
No. 7(a). 18-9-41.

Application dated 15th September, 1941, from the University of Madras for the loan of:

- (a) Raghuvamsa (with commentary of Srinatha).
- (b) Raghuvamsa (with commentary of Hemadri and Udayakara).
- (c) Raghuvamsatika by Avasathi.
- (d) Raghuvamsatika by Brhaspati Misra.
- (e) Raghuvamsatika by Sumativijaya.
- (f) Raghuvamsatika by Bharatasena.

Lend the first two for the present. The others are to be lent out in lots of not more than three at a time after the former are returned.
No. 7(b). 18-9-41.

Request from the Punjab University Library for the loan of 5 MSS. Lend only the Diwan-i-Arzu and enquire if they want photostat copies of the others which are rare and cannot be lent out.

No. 8.

18-9-41.

Letter No. L/1668 of 10-11-41 from the Librarian, Calcutta University, requesting an extension of the period of loan of two MSS. of Samadhiraja Sutra and one of Subhasitasarasamuccaya for a further period of six months. Extend loan and renew bond.

No. 14.

26-11-41.

Letter No. MS. 3307 of 1941 of 18-9-41 from the Curator, Bhandarkar Oriental Research Inst., requesting an extension of the period of loan of the MS. Malatimadhava up to 1-3-42. Request them to return MS. for inspection and re-issue it under a fresh bond.

No. 15.

26-11-41.

Letter No. S/11955 of 21-11-41 from the Society's Solicitors, Messrs. B. N. Basu & Co., regarding validity of the original bond when the loan periods are subsequently extended. Adopt Solicitors' suggestions and apply it to all such cases from now on.

No. 16.

26-11-41.

Application for loan of two Sanskrit MSS. by Mr. Chhote Lal Jain Request him to consult the MSS. in the Society's premises.

No. 29.

26-11-41.

Application for loan of 1 Persian MS. by Khan Bahadur M. Zafar Hasan. Lend MS. No. 698 on usual conditions.

No. 30.

26-11-41.

Letter dated the 30th September, 1941, from the Registrar, University of Madras, regarding the substitution of formal voucher for Bond when borrowing MSS. from the Society. Apply rules.

No. 32.

26-11-41.

Application dated 28-11-41 from the Registrar, Deccan College Post-Graduate and Research Inst., for the loan of the MS. 'Mahmud Gawan Riyadu'l-Insha'. Lend the MS. No. 128 of the Curzon Collection against indemnity bond to the value of Rs.200.

No. 15.

18-12-41.

Application for the extension of the period of loan of Manuscripts from:

(a) Prof. S. K. Rahman (letter of 8-12-41) till 31-12-42 (two MSS. of Curzon Collection Nos. 51 & 53). Request him to return the MSS. for inspection, and re-issue against fresh bonds for the period ending with 21-12-42.

(b) Pt. Kedar Nath (letter of 2-12-41) for three months two MSS. Sanatkumarasamhita and Suvarnatrantra. Extend for three months.

No. 16.

18-12-41.

MANUSCRIPTS—

Report of a theft of two copies of the Sanskrit MSS. Catalogue (Vol. VIII, part 1) on 20-2-41 and of action taken by the Acting General

Secretary regarding the same. Approve action taken by the Acting General Secretary.

No. 3.

28-2-41.

Note on the reinforcement and preservation of old records and MSS. received from the Library Secretary.

D.O. Letter No. 123/G.P./41 of 28-2-41 from Dr. J. N. Mukherjee in continuation of his previous note re: the preservation of MSS.

D.O. Letter No. 195/G.P./41 of 20-3-41 from Dr. J. N. Mukherjee enclosing a letter from Dr. S. N. Sen in connection with the preservation of MSS.

Letter of 12-3-41 from Mr. A. R. Foster of Messrs. Imperial Chemical Industries (India) Ltd., re: preservation of MSS. (Circular No. 45).

It was resolved that a Sub-Committee consisting of the Ex-Officio members, the Library Secretary and Mr. A. R. Foster of M/S. Imperial Chemical Industries (India) Ltd., be formed to discuss methods of preservation, and that the General Secretary be requested to obtain an estimate for air-conditioning a room or part of a room required for preserving valuable MSS.

Nos. 2-5.

31-3-41.

Recommendation from the Philological Secretary for the purchase of a palm-leaf manuscript, entitled 'Purushapariksha' in Maithili script. Purchase the manuscript for Rs.60.

No. 25.

18-12-41.

MEETINGS—

The question of holding monthly and Council meetings during the recess month of September. Hold a Council and a Monthly Meeting in September.

No. 14.

29-8-41.

Fixing of dates for Special Finance Committee meeting for consideration of Budget for 1942; and of Committee and Council meetings in December, 1941. Hold Special Finance Committee meeting on the 10th, Committee meeting on the 15th and the Council on the 18th of December.

No. 28.

26-11-41.

MEMBERSHIP—

Report revival of Ordinary membership by Prof. Sukumar Roy whose election lapsed on 6-1-41. Agree to revival.

No. 10.

28-2-41.

Recommendation Finance Committee No. 6(i) of 23-7-41. List of members in arrears with subscriptions. Apply Rules. Also send personal letters. Accepted by Council.

No. 7.

28-7-41.

Recommendation Finance Committee No. 6(ii) of 23-7-41. List of members who are in arrears with their subscriptions for eight or more quarters and to whom Circular Letter No. 3 will have to be sent. Apply rules. Accepted by Council.

No. 7.

28-7-41.

Letter dated 5-5-41 from Mr. Edward M. Groth, American Consul, submitting his resignation as a member of the Society on the eve of his departure from Calcutta. Record.

No. 11.

30-5-41.

Letter from Mr. Vartan Melkonian dated 10th July, 1941, requesting the Society to exempt him from payment of admission and membership fees till facilities for remitting money from Basrah are restored. Exempt till facilities are restored.

No. 21.

29-8-41.

Recommendation Finance Committee No. 5 of 20-11-41. List of members who are in arrears with their subscription for four or more quarters to whom circular No. 1 will have to be sent. Apply rules. Accepted by Council.

No. 20.

26-11-41.

Recommendation Finance Committee No. 6 of 20-11-41. List of members who are in arrears with subscription for four or more quarters to whom circular No. 2 will have to be sent. Apply rules. Accepted by Council.

No. 20.

26-11-41.

Recommendation Finance Committee No. 7 of 20-11-41. List of Members for removal under Rule 38 to whom Circular No. 3 was sent more than six months ago:—

1. M. Jamal-ud-din Ahmed	..	..	Rs. 96
2. A. F. M. Abdul Kadir	..	..	.. 78
3. P. R. Awati	..	..	.. 61/8
4. N. C. Bhattacharya	..	..	.. 66
5. B. C. Ghose	..	..	.. 90
6. N. K. Jain	..	..	.. 66
7. R. R. Khan	..	..	.. 108
8. B. Tarkatirtha	..	..	.. 99
9. C. W. Tressler	..	..	.. 72

Apply Rules. Accepted by Council.

No. 20.

26-11-41.

Recommendation Finance Committee No. 8 of 20-11-41. List of Members for removal under Rule 40.

1. M. C. Ghose (absent since 1938).
2. A. J. Hopkins
3. G. T. Labey
4. Sarabjit Singh
5. H. E. Short
6. A. Sommerfeld
7. H. F. F. Williams

Resolved that attempts may be made by the General Secretary to find the present addresses of as many of them as possible with a view to making a final appeal. Accepted by Council.

No. 20.

26-11-41.

Removal of names under Rule 38 (arrears of subscription) in terms of the Finance Committee recommendation of 20-11-41 in the Ordinary Monthly Meeting in January 1942. Apply Rules.

No. 14.

18-12-41.

Further application dated 11-10-41 from Mr. B. V. Raman requesting to be elected as a member of the Society. Reject; no alteration of the decision of the Council of January, 1940.

No. 19.

18-12-41.

MISCELLANEOUS—

Letter dated 23-12-40 from Dr. U. N. Ghosal forwarding his report on a number of High Court Records. Record with thanks.

No. 6.

29-1-41.

Letter from the Private Secretary to the Maharajadhiraja of Darbhanga conveying thanks for the presentation of a copy of Varnaratnakara. Record.

No. 12.

28-2-41.

Letter of 22-3-41 from Maharajkumar Raghubir Singh intimating his appreciation for the help rendered to him by the Society in connection with the details of the life of John Collins and Josiah Webb. Record.

No. 17.

31-3-41.

Letter dated 6-6-40 from the Director, Rockefeller Foundation, New York, regretting that owing to the present conditions it will not be possible for them to render any financial help to the Society. (1) Record. (2) Send an appropriate reply.

No. 10.

28-4-41.

Letter from Mr. M. B. Ahmad of 9-7-41 regarding insertions of an advertisement in the Journal of the Society. The General Secretary be requested to draw up a scheme for advertisements and ascertain rates from different parties.

No. 3.

28-7-41.

Letter dated 23-8-41 from Atul Bose regarding the execution of a portrait of the late Poet Rabindra Nath. Refer the matter to the next Finance Committee.

No. 5.

29-8-41.

Recommendation Finance Committee No. 2 of 15-9-41. Consideration of proposals for a portrait of Rabindra Nath Tagore. On the suggestion of the Chairman it was resolved to invite members to contribute to a fund for defraying the expenses of a portrait of Poet Tagore for the Society. Accepted by Council.

No. 11.

18-9-41.

Letter dated 8-9-41 from B. M. Press suggesting registration of the Society as a dealer under the Bengal Finance (Sales Tax) Act, 1941, for the purpose of selling its publications. Postpone consideration.

No. 6.

18-9-41.

Letter dated 22-9-41 from Mr. C. W. Gurner regarding the registration of the Society as a dealer under the Bengal Finance (Sales Tax) Act, 1941, for the purpose of selling its publications. Record.

No. 7.

26-11-41.

MEDALS—

Recommendations of the Sir William Jones Memorial Advisory Board. Accept.

No. 9.

29-1-41.

Appointment of Advisory Boards for the award of:

- (a) The Barclay Memorial Medal.
- (b) The Joy Gobind Law Memorial Medal.
- (c) The Paul Johannes Brühl Memorial Medal.

Resolved that:

- (a) The Barclay Memorial Medal Board be constituted of:—

The President.
Dr. K. P. Biswas.
Dr. G. S. Bose.
Dr. Baini Prashad.
Dr. B. S. Guha.

- (b) The Joy Gobind Law Memorial Medal Board be constituted of:—

The President.
Dr. S. C. Law.
Dr. Baini Prashad.
Dr. K. P. Biswas.
Dr. B. S. Guha.

- (c) The Paul Johannes Brühl Memorial Medal Board be constituted of:—

The President.
Dr. K. P. Biswas.
Dr. S. P. Agharkar.
Dr. Baini Prashad.
Dr. B. S. Guha.

No. 3.

18-9-41.

Recommendation of the Barclay Memorial Medal Advisory Board of 16-12-41. Accept recommendation, Sir David Prain.

No. 10.

18-12-41.

Recommendation of the Joy Gobind Law Memorial Medal Advisory Board of 16-12-41. Accept recommendation, Dr. K. N. Bahl.

No. 11.

18-12-41.

Recommendation of the Paul Brühl Memorial Medal Advisory Board of 16-12-41. Ask for a detailed statement regarding Rao Bahadur G. N. Rangaswami Ayyangar, and circulate it with the statement submitted by Dr. K. P. Biswas to the members of the Board, after which the President, in consultation with the General Secretary, to decide, in consonance with the opinion expressed by the members, to whom the medal is to be awarded.

No. 12.

18-12-41.

OBITUARY—

Death: Dr. Sushil Kumar Mukherjee (Ordinary Member, 1927). Send letter of condolence to Mrs. S. K. Mukherjee.

No. 9(c).

28-2-41.

Deaths: (1) Prof. C. R. Lanman (Honorary Fellow, 1896); (2) Sir James Frazer (Honorary Fellow, 1920).

Announce. Request Dr. Kalidas Nag to write an Obituary Notice of the late Prof. C. R. Lanman, and Dr. B. S. Guha of the late Sir James Frazer.

No. 9(c).

30-5-41.

Deaths: (1) G. S. Dutt; (2) Eugene Dubois, recipient of Annaudale Memorial Medal for 1933.

Request Dr. M. N. Saha to write an Obituary Notice of the late Mr. G. S. Dutt, and Dr. B. S. Guha of the late Dr. Eugene Dubois.

No. 8(c).

30-6-41.

Report by the General Secretary of the death of Maharajadhiraja Sir Bijay Chand Mahtab of Burdwan, Vice-President of the Society, on 28th August, 1941. A condolence motion was passed, the members remaining standing. Send a copy of the resolution to the present Maharajadhiraja. (Preli.)

18-9-41.

Letter dated 9-11-41 from Maharajadhiraja U. C. Mahtab of Burdwan thanking the Society for sending him a letter of condolence on the death of his father. Record.

No. 25.

26-11-41.

Letter dated 26-8-41 from Mr. Rathindra Nath Tagore expressing appreciation for the message of sympathy sent to him by the President on behalf of the Society. Record.

No. 15.

18-9-41.

Report of the death of Ganga Nath Jha, the Editor of the *Manu-smṛti*, *Tantravartika* and *Slokavartika* in the *Bibliotheca Indica*. A condolence motion was passed, the members remaining standing. Send a copy of the resolution to his son, Dr. Amar Nath Jha, Vice-Chancellor, Allahabad University. (Preli.)

26-11-41.

Letter dated 8-12-41 from Dr. Amar Nath Jha thanking the Society for the letter of condolence on the death of his father, MM. Dr. Sir Ganganath Jha, Kt. Record.

No. 1.

18-12-41.

Report of the death of Dr. M. Hidayat Hosain. Record.

No. 4.

18-12-41.

ORDINARY FELLOWS—

Resolution of a meeting of Resident Fellows of the Society held under the terms of Regulation No. 2 on the 27th June, 1941, regarding the election of Fellows. Confirm and send voting papers by air mail to foreign Fellows.

No. 14.

30-6-41.

REQUESTS—

Letter from Rev. G. C. Dutt requesting the Society for contribution to help the work of reclamation of young girls rescued from brothels. Record. Write to Rev. G. C. Dutt regretting that the Society is not in a position to help the scheme with money.

No. 7.

29-1-41.

Letter dated 23-1-41 from the Lady Mary Herbert's Bengal Women's War Fund (31st January and 1st and 2nd February 1941) requesting the support and co-operation of the Society and enquiring if seats are to be reserved for members in reserved enclosures. No seats be reserved for members of the Society.

No. 18.

29-1-41.

Letter dated 15-2-41 from the Sri Venkateswara Oriental Institute, Tirupati, requesting for a complete set of the past issues of our Journal at half price. Sell at half price.

No. 15.

28-2-41.

Letter dated 26-2-41 requesting the loan of microfilm apparatus. Resolved that as the microfilm camera is on permanent loan to this Society from the American Council of Learned Societies it cannot be lent out without their sanction, but the enquirer be given all facilities to use it here by his own men if so desired.

No. 13.

28-2-41.

Letter dated 10-3-41 thanking the Council for permission granted to use the microfilm camera. Record.

No. 14.

31-3-41.

Letter of March, 1941, from Moorfields Eye Hospital requesting grant of donations. Record.

No. 2.

30-5-41.

Application from Dr. J. B. Chaudhury dated 21-8-41 asking for permission to publish a small portion of MS. Tantrarajatantatika and some select verses from the Subhasitasara-Samuccaya with due acknowledgment. Permit with due acknowledgment to the Society.

No. 16.

29-8-41.

Letter No. 6306/1189 dated the 19th August, 1941, from the Director, Geological Survey of India, requesting the use of the Society's rooms by the Department of Supply of the Government of India on the 28th August. Approve action taken by the General Secretary.

No. 17.

29-8-41.

Request from the National Institute of Sciences of India dated 6th August for the use of the Society's rooms on the 29th of August. Approve action taken by the General Secretary.

No. 22.

29-8-41.

Letter dated 12-9-41 from the Mining, Geological and Metallurgical Institute of India, requesting the use of the Society's Hall and Council Room on Friday, the 9th January, 1942, for holding the Annual General Meeting of the Institute. Agree to the use of the hall and room on usual conditions.

No. 5.

18-9-41.

Letter dated 9th September, 1941, from the Vice-Chancellor, University of Dacca, requesting the Society to lend seven blocks for illustrating the History of Bengal edited by him now in the press. Lend on usual terms.

No. 18.

18-9-41.

Letter dated 11-9-41 from Brahma Girls' School requesting permission to use the Society's hall, chairs, on Friday, in the second week of February. Grant on usual conditions.

No. 20.

18-9-41.

Letter No. 2343 of 17-9-41 from the Principal Gurukul University, Brindaban, asking for the presentation of both parts of the Commentary of Medhatithi (in Sanskrit) on Manusmṛti. Present.

No. 2.

26-11-41.

Letter dated 27-10-41 from the Corresponding Secretary, Royal Empire Society, Calcutta (with enclosures from the Royal Empire Society, London) requesting the Society to present it with a set of our Journal and Proceedings and a complete set of all our publications due to the destruction of their collections by enemy action. Present a set of Journal from 1915 and other available publications after the War is over.

No. 6.

26-11-41.

Letter dated 11-12-41 from the Corresponding Secretary, Royal Empire Society, thanking the Council for the decision to present to the Society a set of Journals, etc., after the War is over. Record.

No. 2.

18-12-41.

Letter dated 20-6-41 from the Royal Irish Academy requesting the Society to supply it with several numbers of the Memoirs. Supply the available numbers after the War is over.

No. 5.

26-11-41.

Letter No. 381/48 of 19-9-41 from Bangiya Sahitya Parishad requesting the Society to place them in the Free Distribution List of the Society's Publications. Enquire if they want copies of the works relating to Islamic Culture of the Bibliotheca Indica also.

No. 1.

26-11-41.

PRINSEP COMMEMORATION—

To consider the best means of celebrating the Centenary of James Prinsep by the Society. Recommendation: (1) Resolved that a medal called the James Prinsep Medal for Indian Epigraphy be awarded by the Society biennially for the best original work in Ancient Indian Epigraphy and Numismatics, the details of which are to be worked out by the Council and the cost of the medal is to be met out of the Funds of the Society. The first medal is to be awarded, if possible, in 1942. (2) Resolved further that Prof. S. K. Aiyangar's suggestion as contained in his letter be accepted when publishing the Special Commemoration Number may be truly international the publication be postponed till the end of the War, though necessary steps to approach different scholars may meanwhile be taken.

Sub-Committee.

20-11-41.

Report of the Sub-Committee of the Society to consider the best means of celebrating the Centenary of James Prinsep by the Society. Accept recommendations of the Sub-Committee as modified below. (1) That funds be raised for instituting a Medal to be called the James Prinsep Medal to be awarded biennially by the Society for the best original work in Ancient Indian History. The first medal is to be awarded, if possible, in 1942. (2) That a special Commemoration

meeting be called to consider the details of the project. (3) That Prof. S. K. Aiyangar's suggestion as contained in his letter be accepted when publishing the Special Commemoration Number of the Journal and, in order that the number may be truly International the publication be postponed till the end of the War, though necessary steps to approach different scholars may meanwhile be taken.

No. 18.

26-11-41.

PROVIDENT FUND—

Recommendation Finance Committee No. 4(b) of 29-1-41. Application dated 27-1-41 from N. Gupta, Despatcher, for a loan of Rs.1,100 from Provident Fund Account. Lend maximum amount entitled under the Rule at 3% interest per annum, repayable at monthly instalments of Rs.15. Accepted by Council.

No. 10.

29-1-41.

Recommendation Finance Committee No. 5 of 27-2-41. Application from N. Gupta, dated 27-2-41 for a loan of Rs.200 from the Provident Fund. Postpone consideration. Accepted by Council.

No. 6.

28-2-41.

Application from the Sino-Tibetan Clerk, Trin Chen, for permission to join the Provident Fund from the current month. Admit.

No. 11.

28-2-41.

Recommendation Finance Committee No. 3 of 27-2-41. Application dated 10-2-41 from Mr. P. O. Matthai, Librarian, for a loan of Rs.1,250 from the Provident Fund Account. Pay Rs.1,000 only as per rules. Accepted by Council.

No. 6.

28-2-41.

Recommendation Finance Committee No. 4 of 23-4-41. Application dated 19-4-41 of a loan of Rs.190 from Provident Fund by B. B. Mukherjee for consideration. Grant loan at 3% interest per annum, repayable at monthly instalments of Rs.10. Accepted by Council.

No. 5.

28-4-41.

Recommendations of the Finance Committee of 23-4-41. (1) Accept. (2) Resolved that the Finance Committee be requested to suggest and put up before the Council additional regulations regarding grants of loans to members of the staff from the Provident Fund.

No. 5.

28-5-41.

Recommendation Finance Committee No. 3(d) of 23-6-41. Additional regulations regarding grants of loans to members of the staff from the Provident Fund (vide Council resolution of 28-4-41). The following be substituted in place of Regulation No. 17 of the Provident Fund Regulations of the Society. The Council may, at their discretion, authorise a temporary advance being granted from the Fund to any member subject to the following conditions:—

(a) No advance shall be granted unless the Council is satisfied with the applicant's pecuniary circumstances justify it, and that it will be expended on the following object or objects:—

- (i) to pay expenses incurred in connection with the prolonged illness of the applicant or any person actually dependent on him;

- (ii) to pay obligatory expenses on a scale appropriate to the applicant's status in connection with marriages, funerals or ceremonies which by his religion it is incumbent on him to perform.
- (b) An advance shall not exceed except for special reasons:—
- (i) six months' pay, or half the amount subscribed by the member to the Fund, whichever is less;
- (ii) unless the amount already advanced does not exceed two-thirds of the amount admissible under the sub-rule (b) (i) and shall not be granted until at least after the final repayment of all previous advances together with interest thereon. No advance will be granted within a year of the proposed retirement of the member. The rate of interest to be charged will be decided by the Council, but in any case will not be less than the corresponding rate of interest paid by the Bank. Accepted by Council.

No. 5.

30-6-41.

Recommendation Finance Committee No. 3(b) of 23-7-41. Application dated 15-7-41 from Library Duftry, Sheik Nawab Jan, for a loan of Rs.24 from the Provident Fund. Pay amount allowable under rules. Accepted by Council.

No. 7.

28-7-41.

Recommendation Finance Committee No. 3(c) of 23-7-41. Application dated 17-7-41 from Office Duftry, Sheik Chunna, requesting permission to join the Provident Fund of the Society. Permit. Accepted by Council.

No. 7.

28-7-41.

Recommendation Finance Committee No. 3(b) of 20-11-41. Grant of a loan of Rs.350 out of the Provident Fund Account to Press Clerk, as per his application dated 25-10-41. Postpone consideration till the next meeting with a proper office note on the subject. Accepted by Council.

No. 20.

26-11-41.

Recommendation Finance Committee No. 2(a) of 15-12-41. Grant of loan of Rs.350 out of the Provident Fund Account to Press Clerk, as per his application dated 25-10-41. Approved. Consolidate the previous and present loan, and recover at Rs.25 per month from the date of loan, bearing the usual rate of interest at 3%. Accepted by Council.

No. 8.

18-12-41.

Recommendation Finance Committee No. 3(b) of 15-12-41. Society's contribution to the Provident Fund for the year, 1941, Rs.657-10-6. Pay. Accepted by Council.

No. 8.

18-12-41.

PUBLICATIONS—

Recommendation Publication Committee No. 1(i) of 29-1-41. Revised estimates (500 and 1000 copies editions) for setting the Tibetan text of the paper on 'Thousand Tibetan Proverbs' by Rev. Y. Gergan and Rev. W. Asboe in small type. Accept estimate for 1000 copies. Publish as a separate number of the Journal. Accepted by Council.

No. 12.

29-1-41.

Letter dated 22-11-40 from Dr. E. W. Gudger, Honorary Associate, American Museum of Natural History, expressing satisfaction with the publication of his paper on the 'Alleged Pugnacity of the Swordfish and the Spearfishes as shown by their attacks on Vessels'. Record.

No. 17.

29-1-41.

Recommendation Publication Committee No. 1 of 27-2-41. Paper by Adris Banerji on 'Some Mediaeval Temples of Malwa'. Refer to Dr. Kalidas Nag and enquire if subject has been already treated elsewhere and published. Accepted by Council.

No. 8.

28-2-41.

Paper by Mr. N. C. Chatterjee on 'A Psychological Study of Arithmetical ability with reference to the students of Secondary Schools'. Accept.

No. 6.

31-3-41.

Recommendation Publication Committee No. 4 of 24-3-41. Paper by Mr. N. C. Chatterjee on 'A Psychological Study of Arithmetical ability with reference to the students of Secondary Schools'. Refer it to Council for further consideration. Accepted by Council.

No. 8.

31-3-41.

A notice dated 18-3-41 from the Superintendent, Lushai Hills, giving publicity to the publication of the Lushai Dictionary and generosity of the Society in reducing the price of the Dictionary from Rs.18 to Rs.10. Record. It was further resolved that similar action be taken regarding the Kashmiri Dictionary and other Kashmiri publications.

No. 16.

31-3-41.

Correspondence relating to Dr. Grant's paper 'Philosophy of Rural Reconstruction in China' undertaken to be published by the Society together with a copy of 'Science and Culture' for April 1941 in which it was published. Record. It was resolved that the whole question of the ownership and publication of lectures delivered, papers read, and material submitted for publication by the Society be discussed by the Publication Committee who will report to the Council with recommendations. The Council was further of opinion that it was not desirable to negotiate important matters regarding publication, etc., over the telephone.

No. 2.

28-4-41.

Recommendation Publication Committee No. 1 of 26-5-41. Paper by Dr. N. K. Bhattasali on 'The Rajavadi (Bhawal) Plate of Lakshmana Sena Deva'. Refer back to the author for modification in accordance with the suggestions of the referee. Accepted by Council.

No. 8.

30-5-41.

Correspondence to and from Dr. N. K. Bhattasali re: his paper on 'The Rajavadi (Bhawal) Plate of Lakshmana Sena Deva' together with the referee's opinion and the General Secretary's note. Publish as modified by the author according to the referee's recommendations.

No. 3.

29-8-41.

Recommendation Publication Committee No. 3 of 20-11-41. Request from Dr. D. N. Majumdar of the Lucknow University for permission to reprint his paper on 'Some Aspects of the Cultural Life of the Khasas of the cis-Himalayan Region' in a revised form in a book entitled 'Culture Contacts and Acculturation'. Resolved that permission be

granted with due acknowledgment to the Society. Accepted by Council.

No. 22.

26-11-41.

Recommendation Publication Committee No. 5 of 15-12-41. Resolved that owing to the high cost of paper, only three issues of the Journal should be printed during the year, e.g. (i) Letters, (ii) Science, and (iii) Year-Book, consisting of 600 pages altogether and 12 plates, but the number of pages for each issue is to be determined according to necessity. Author's reprints of articles are henceforth to be printed without any cover. Accepted by Council.

No. 7.

18-12-41.

REPRESENTATION—

Letter No. 306 of 24-3-41 from the Registrar, Calcutta University, requesting the Society to nominate a member on the Selection Committee for the award of the Sarojini Basu Medal for 1941. Nominate Prof. V. Vedantatirtha.

No. 12.

31-3-41.

Letter No. Met. 302 of 24-3-41 from the Registrar, Calcutta University, requesting the Society to nominate a member on the Special Committee for the Kamala Lecturer for 1941. Request Dr. Bains Prashad to continue to act as Council's nominee.

No. 13.

31-3-41.

Letter dated 20-6-41 from the Royal Asiatic Society of Great Britain and Ireland requesting the Society to nominate a candidate for election as a Corresponding Fellow of the Royal Asiatic Society of Great Britain. Send Dr. S. K. Chatterji's name as Society's nominee for election as a Corresponding Fellow of the Society.

No. 6.

29-8-41.

Letter from the Fifth Indian History Congress, Hyderabad, inviting the Society to send delegates to the Conference. Dr. S. K. Chatterji, Dr. A. M. Heron, Dr. U. N. Ghosal, Mr. G. Yazdani and Sir Jadunath Sarkar be nominated as Society's delegates to the Conference.

No. 20.

29-8-41.

Letter dated 23-8-41 from the Benares Hindu University inviting the Society to send delegates on the occasion of its Silver Jubilee celebrations on 21-1-42. Postpone consideration.

No. 1.

18-9-41.

Letter dated 11-9-41 from Sir Jadu Nath Sarkar regarding his nomination as a delegate to the next Indian History Congress. Record.

No. 4.

18-9-41.

Letter dated 14th September 1941 from Dr. A. M. Heron intimating his inability to represent the Society at the Fifth Indian History Congress. Record.

No. 16.

18-9-41.

Letter dated 14th September 1941 from Mr. G. Yazdani intimating his willingness to represent the Society at the Fifth Indian History Congress. Record.

No. 17.

18-9-41.

Letter No. 479(5)R-R. of 21-10-41 from the Additional Deputy Secretary to the Government of Bengal, together with Resolution, etc., regarding the selection of the Society's nominee on the Research and Publication Committee of the Indian Historical Records Commission. Resolved that Mr. C. W. Gurner be requested to act as the nominee of the Society on the Committee.

No. 8.

26-11-41.

Letter No. 206/T of 7-11-41 from the Honorary Secretary to the Trustees of the Indian Museum in connection with the nomination of a Trustee of the Indian Museum by the Society. Resolved that Dr. J. N. Mukherjee be requested to act as the nominee of the Society on the Board of Trustees of the Indian Museum.

No. 9.

26-11-41.

Letter dated 23-8-41 from the Benares Hindu University inviting the Society to send delegates on the occasion of its Silver Jubilee on 21-1-42. Resolved that Dr. S. P. Mookerjee be requested to act as the Society's delegate.

No. 13.

26-11-41.

Letter from Dr. U. N. Ghosal intimating his willingness to represent the Society at the forthcoming Indian History Congress at Hyderabad. Record.

No. 24.

26-11-41.

Letter dated 1-12-41 from the Honorary Secretary, Golden Jubilee Committee, Maha Bodhi Society, requesting the Society to nominate a representative to attend the Jubilee Celebration of the Maha Bodhi Society at the end of December 1941. Record.

No. 20.

18-12-41.

Letter dated 17-12-41 from the Honorary Secretary, National Institute of Sciences of India, requesting to nominate two representatives of the Society to serve as additional Vice-President and an additional Member of Council of the Institute for 1942. Mr. W. D. West and Dr. D. M. Bose be the Society's nominees as Vice-President and Member of Council respectively.

No. 27.

18-12-41.

STAFF—

Petition from the 1st Pandit, Aghor Nath Bhattacharya addressed to the President, R.A.S.B., dated 24-4-41 praying for: (1) Permission to retire from service owing to ill health and age. (2) Grant of a pension and gratuity, and (3) Appointment of his son, Babu Girija Nath Bhattacharya, by the Society. (1) Grant permission to retire, (2) Refer question of pension and gratuity to Finance Committee, and (3) Appoint his son, Babu Girija Nath Bhattacharya, now working as an apprentice in the Library, as Pandit, Sanskrit Section, on probation for six months in the junior grade on an initial salary of Rs.50.

No. 11.

28-4-41.

Petition from the Library Duftry, Sheik Nawab Jan, dated 25-4-41 praying for full pay leave from 28th March to 24th April 1941 on grounds of serious illness. (1) Grant leave available under the rules, (2) Pay gratuity covering balance of salary.

No. 12.

28-4-41.

Recommendation Finance Committee No. 3(c) of 23-6-41. Application from Pandit A. N. Bhattacharya, Society's Pandit, praying for a gratuity or pension on his retirement. Pay Pandit A. N. Bhattacharya six months' salary as gratuity. Accepted by Council.

No. 5.

30-6-41.

Recommendation Finance Committee No. 6 of 23-7-41. Report regarding Postage Account. The Honorary Treasurer reported on the detection of certain irregularities when he checked the Postage Account for June 1941. Resolved that the Assistant Secretary and the Despatcher be warned against such recurrences. Accepted by Council.

No. 7.

28-7-41.

Statement by the General Secretary about the three senior peons of the Society. Circulate the statement.

No. 12.

26-11-41.

Confirmation of Mr. J. C. De, as Assistant Secretary. Resolved that (1) Mr. J. C. De be not confirmed but offered six months' extension on his present salary of Rs.200 per month. (2) A Committee consisting of Dr. Kalidas Nag, Dr. M. N. Saha, Dr. J. N. Mukherjee and the *Ex-Officio* members be appointed to define the duties of the Assistant Secretary.

No. 3.

30-5-41.

Recommendation Special Committee to define duties of the Assistant Secretary. The matter was considered and it was resolved to meet again on Friday the 29th after the Council meeting.

25-8-41.

Minutes of the Special Committee to define the duties of the Assistant Secretary. Postpone consideration.

No. 10.

29-8-41.

Recommendation Special Committee to define the duties of the Assistant Secretary. Resolved that the proposals made by Prof. M. N. Saha were contrary to the statutes of the Society. The duties of the Assistant Secretary recommended by the Special Enquiry Committee are comprehensive and there is no need for any fresh departure, with the exception of No. 5 which is now performed by another member of the staff.

9-9-41.

Minutes of the Special Committee to define the duties of the Assistant Secretary. Resolved that the minutes be referred back to the Special Committee.

No. 10.

18-9-41.

Consideration of the services of the present Assistant Secretary whose period of extension expires at the end of this month. After careful consideration it was resolved that from 1st of December 1941 (1) Mr. J. C. De, Assistant Secretary be placed in charge of the Library of the Society on his present terms and designation; (2) Mr. P. O. Matthai, Librarian, be appointed as Superintendent of the Office on his own salary and that he shall perform all duties now performed by Mr. De; (3) this arrangement be on an experimental basis for six months for the

present, and does not involve any additional charge on the Society's funds.

No. 11.

26-11-41.

Special Committee to define the duties of the Assistant Secretary. In view of the decision of the Council to assign the duties of the Library to the Assistant Secretary, Mr. J. C. De, and the appointment of Mr. P. O. Matthai as Superintendent of Office for a period of six months, as an experimental basis, resolved: that the question of defining the duties of the Assistant Secretary be postponed for six months.

Special Committee.

15-12-41.

Recommendation of the Special Committee of the Council to define the duties of the Assistant Secretary dated 15-12-41. On Dr. Saha withdrawing the remarks made at the end of his note on the minutes of the Special Committee, resolved that the recommendations be accepted.

No. 9.

18-12-41.

Recommendation Finance Committee No. 10 of 20-11-41. Provisions for menials' Winter Clothing. (1) Accept the lowest tender of Messrs. Wachel Mollah & Sons, to supply 19 coats at Rs.13-9 each. (2) Resolved that an extra amount of Rs.101-3-0 be sanctioned for that purpose. Accepted by Council.

No. 20.

26-11-41.

Recommendation Finance Committee No. 3(e) of 15-12-41. Payment of salary to staff for December 1941, one day earlier. Pay. Accepted by Council.

No. 8.

15-12-41.

Recommendation Finance Committee No. 6 of 15-12-41. Messrs. Wachel Mollah & Co. for supplying 19 warm coats for menials, bill dated 13-12-41, Rs.257-11-0. Pay. Accepted by Council.

No. 8.

15-12-41.

Recommendation Finance Committee No. 3(d) of 15-12-41. Annual increment of salaries to staff. Grant increment to those members of staff whose increments are due. Accepted by Council.

No. 8.

18-12-41.

The question of confirmation of appointment of Pandit G. N. Bhattacharya, who was taken on probation for six months as Pandit of the Society with effect from 1-5-41. The matter to be referred to the Philological Secretary for opinion and to be put up in the January Council Meeting.

No. 17.

18-12-41.

Applications from Members of staff, R.A.S.B., for advance of salary. The General Secretary, in consultation with the President and the Honorary Treasurer, to decide on the necessary action to be taken.

No. 28.

18-12-41.

STEEL SHELVING—

Recommendation Finance Committee No. 3 of 23-4-41. Messrs. Bungo Steel Furniture Ltd., for installation of Steel shelving bill dated 21-4-41. Rs.5,791. General Secretary and Treasurer be empowered to make payment after the whole installation has been properly checked. Accepted by Council.

No. 5.

28-4-41.

**List of
Patrons,
Officers, Council Members, Members,
Fellows, and Medallists
of the
Royal Asiatic Society of Bengal,
On the 31st December, 1941**

PATRONS OF THE ROYAL ASIATIC SOCIETY OF BENGAL

- 1936 H.E. the Most Hon'ble Lord Victor
Alexander John Hope, K.T., P.C.,
G.M.S.I., G.M.I.E., G.C.I.E., D.L.,
T.D., the Marquess of Linlithgow,
Viceroy and Governor-General of
India.
- 1939 H.E. Sir John Arthur Herbert,
G.C.I.E., Governor of Bengal.

-
- 1910-1916 .. Lord Hardinge of Penshurst, K.G.,
P.C., G.C.B., G.C.M.G., G.C.S.I.,
G.C.I.E., G.C.V.O., I.S.O.
- 1917-1922 .. The Most Hon'ble the Marquess of
Zetland, P.C., G.C.S.I., G.C.I.E.
- 1922-1927 .. The Right Hon'ble the Earl of Lytton,
P.C., G.C.S.I., G.C.I.E.
- 1926-1931 .. The Right Hon'ble the Viscount Halifax,
K.G., P.C., G.C.S.I., G.C.I.E.
- 1927-1932 .. Colonel Sir Francis Stanley Jackson,
P.C., G.C.I.E.
- 1931-1936 .. The Right Hon'ble the Earl of Willingdon,
G.M.S.I., G.C.M.G., G.M.I.E., G.B.E.
- 1932-1938 .. The Right Hon'ble Sir John Anderson,
P.C., G.C.B., G.C.I.E.

OFFICERS AND MEMBERS OF COUNCIL OF THE ROYAL ASIATIC SOCIETY OF BENGAL DURING THE YEAR 1941

Elections Annual Meeting

President

The Hon'ble Mr. Justice John Lort-Williams, Kt., K.C.

Vice-Presidents

Bt.-Col. R. N. Chopra, C.I.E., M.A., Sc.D., M.D., I.M.S., F.R.A.S.B., F.N.I.

C. S. Fox, Esq., D.Sc., M.I.Min.E., F.G.S., F.R.A.S.B., F.N.I.

Syamaprasad Mookerjee, Esq., M.A., B.L., D.Lit., Barrister-at-Law.

Sir S. Radhakrishnan, Kt., M.A., D.Lit., F.B.A.

Secretaries and Treasurer

General Secretary :—B. S. Guha, Esq., M.A., Ph.D., F.R.A.S.B., F.N.I.

Treasurer :—Baini Prashad, Esq., D.Sc., F.Z.S., F.R.S.E., F.R.A.S.B., F.N.I.

Philological Secretary :—S. K. Chatterji, Esq., M.A., D.Lit., F.R.A.S.B.

Joint Philological Secretary :—M. Mahfuz-ul Haq, Esq., M.A.

Natural History Secretaries { Biology :—Kalipada Biswas, Esq., M.A., D.Sc.
Physical Science :—Meghnad Saha, Esq., D.Sc.,
F.R.S., F.R.A.S.B., F.N.I.

Anthropological Secretary :—H. C. Chakladar, Esq., M.A.

Philosophical Secretary :—Vanamali Vedantatirtha, Esq., M.A.

Historical and Archæological Secretary :—Kalidas Nag, Esq., M.A., D.Lit.

Medical Secretary :—Major C. L. Pasricha, M.A., M.B., B.Ch., M.R.C.S., I.M.S., F.N.I.

Library Secretary :—J. N. Mukherjee, Esq., D.Sc., F.C.S., F.R.A.S.B., F.N.I.

Other Members of Council

S. C. Law, Esq., M.A., B.L., Ph.D., F.Z.S., M.B.O.U., F.N.I.

M. Z. Siddiqi, Esq., M.A., Ph.D.

C. W. Gurner, Esq., C.S.I., I.C.S.

The Hon'ble Mr. Justice N. G. A. Edgley, M.A., Barrister-at-Law, J.P.

APPOINTMENTS, TRANSFERS, AND OTHER CHANGES DURING THE YEAR.

Sir S. Radhakrishnan, absent from 1st July and resigned on 4-8-41.

Major Pasricha, absent from 15th March to end of the year.

Sir John Lort-Williams, absent from August to October and Col. Sir R. N. Chopra officiated for him.

Dr. Prashad, absent for 10 days in February and Major Pasricha officiated for him ; again for 10 days in May and 2 weeks in November and Dr. Guha officiated for him.

Dr. Guha, absent during October and Dr. Nag officiated for him.

Col. Sir R. N. Chopra, absent from November to end of the year.

OFFICERS AND MEMBERS OF COUNCIL OF THE ROYAL ASIATIC SOCIETY OF BENGAL ELECTED FOR THE YEAR 1942

President

C. S. Fox, Esq., D.Sc., M.I.Min.E., F.G.S., F.R.A.S.B., F.N.I.

Vice-Presidents

Sir John Lort-Williams, Kt., K.C.

The Hon'ble Dr. Syamaprasad Mookerjee, M.A., B.L., D.Lit.,
Barrister-at-Law.

S. K. Chatterji, Esq., M.A., D.Lit., F.R.A.S.B.

Meghnad Saha, Esq., D.Sc., F.R.S., F.R.A.S.B., F.N.I.

Secretaries and Treasurer

General Secretary :—B. S. Guha, Esq., M.A., Ph.D. F.R.A.S.B.,
F.N.I.

Treasurer :—C. W. Gurner, Esq., C.S.I., I.C.S.

Philological Secretary :—Nalinaksha Dutt, Esq., M.A., Ph.D.,
D.Litt.

Joint Philological Secretary :—M. Mahfuz-ul Haq, Esq., M.A.

Natural History Secretaries	{	Biology :—Kalipada Biswas, Esq., M.A.,
		D.Sc., F.R.S.E.
		Physical Science :—K. N. Bagchi, Esq.,
		B.Sc., M.B., F.I.C., D.T.M., F.N.I.

Anthropological Secretary :—H. C. Chakladar, Esq., M.A.

Philosophical Secretary :—Vanamali Vedantatirtha, Esq., M.A.

Historical and Archæological Secretary :—Kalidas Nag, Esq.,
M.A., D.Lit.

Medical Secretary :—J. B. Grant, Esq., M.D., M.P.H.,
F.A.P.H.A.

Library Secretary :—Sunder Lal Hora, Esq., D.Sc., F.Z.S.,
F.R.S.E., F.N.I., F.R.A.S.B.

Other Members of Council

S. C. Law, Esq., M.A., B.L., Ph.D., F.Z.S., M.B.O.U., F.N.I.

M. Z. Siddiqi, Esq., M.A., Ph.D.

The Hon'ble Mr. Justice N. G. A. Edgley, M.A., Barrister-at-
Law, J.P.

L. R. Fawcus, Esq., C.I.E., I.C.S.

ORDINARY MEMBERS

R=Resident. N=Non-Resident. F=Foreign. A=Absent. L=Life.

An Asterisk is prefixed to names of Ordinary Fellows of the Society.

Date of Election.		
5-4-22	R	Abdul Ali , ABUL FAIZ MUHAMMAD, M.A., M.R.A.S., F.R.S.L., F.R.G.S., F.R.H.S. 3, Nawab Abdur Rahman Street, Calcutta.
7-3-27	N	Abdul Kadir , A. F. M., M.A. (ALLAHABAD), MAULVIE FAZIL (PUNJAB), MADRASSAH FINAL (CALCUTTA), <i>Professor, Rajshahi College.</i> Rajshahi.
2-11-25	N	Acharya , PARAMANANDA. B.SC., <i>State Archæologist.</i> Mayurbhanj State, P.O. Baripada.
2-3-21	R	Agharkar , SHANKAR PURUSHOTTAM, M.A., PH.D., F.L.S., F.N.I., <i>Sir Rash Behari Ghose Professor of Botany, Calcutta University.</i> 35, Ballygunge Circular Road, Calcutta.
3-2-36	N	Ahmad , ALFAZUDDIN, KHAN BAHADUR, <i>Offg. Assistant Director of Public Instruction for Muhammedan Education, Bengal (retd.).</i> Dhalhora, Tamluk, Midnapur.
1-1-34	N	Ahmad , MIAN JAMAL-UD-DIN, B.A., B.T., <i>Member Bureau of Education, Afghanistan.</i> 2, Andrabi, Kabul, Afghanistan.
6-6-17	N	Aiyangar , K. V. RANGASWAMI, RAO BAHADUR, M.A., <i>Director of Public Instruction, Travancore (retd.).</i> Vasumati Vilas, Rangachari Road, Mylapore, Madras.
6-12-26	N	*Aiyangar , S. KRISHNASWAMI, M.A., PH.D., M.R.A.S., F.R.HIST.S., F.R.A.S.B., <i>Rajasevasakta, Professor, University of Madras.</i> 'Sripadam', 143, Brodies Road, Mylapore, Madras, S.
1-12-20	N	Akbar Khan , THE HON'BLE MAJOR NAWAB SIR MOHAMMED, K.B.E., C.I.E., <i>Khan of Hoti.</i> Hoti, N.-W.F.P.
5-6-39	R	Ali , S. SHAMSER, <i>Insurance Underwriter.</i> 3, Bright Street, Ballygunge, Calcutta.
4-4-38	R	Anderson , J. 15, Park Street, Calcutta.
3-7-12	F	Andrews , EGBERT ARTHUR, B.A. c/o The Royal Empire Society, Northumberland Avenue, London, W.C.
6-5-40	R	Asadullah , KHALIFA MOHAMMAD, KHAN BAHADUR, <i>General Central Service Class I, Librarian, Imperial Library,</i> 34, Chittaranjan Avenue, Calcutta.
3-3-30	L	Ashton , HUBERT SHORROCK, <i>Merchant.</i> Trueloves, Ingatestone, Essex, England.
3-9-34	R	Auden , JOHN BICKNELL. M.A. (CANTAB.), F.G.S., F.N.I., <i>Assistant Superintendent, Geological Survey of India.</i> 27, Chowringhee, Calcutta.
3-11-30	R	Austin , GEORGE JOHN, <i>Sanitary Engineer, Messrs. J. B. Norton & Sons, Ltd.</i> Norton Building, Lalbazar, Calcutta.
4-4-17	N	Awati , P. R., B.A. (CANTAB.), D.I.C., F.N.I., I.E.S., <i>Professor of Zoology, Royal Institute of Science.</i> Mayo Road, Fort, Bombay.
1-5-39	A	Ayrtton , SEAVUX MUNCHERSHAW, <i>Assistant, Messrs. Shaw Wallace & Co., Madon Mansions,</i> 275-C, Bow Bazar Street, Calcutta.

Date of Election.		
3-3-14	L	* Bacot, J. , F.R.A.S.B. Boulevard Saint-Antoine, 61, Versailles Seine-et-Oise, France.
7-9-36	R	Bagchi, K. N. , RAI BAHADUR, B.SC., M.B. (CAL.), F.I.C. (LOND.), D.T.M. (CAL. & L'POOL), <i>Chemical Examiner to the Government of Bengal</i> . Medical College, Calcutta.
1-11-26	R	Bagchi, PROBODH CHANDRA , M.A., DR.-ES-LETTRES (PARIS), <i>Member of the A.S. of Paris; Lecturer, Calcutta University</i> . 9, Rustomjee Street, Ballygunge, Calcutta.
1-3-26	R	Bagnall, JOHN FREDERICK , B.SC., A.M.I.MECH.E., A.M.I.E.E., A.M.INST.C.E., <i>Consulting Engineer, Messrs. Macneill & Co.</i> 2, Fairlie Place, Calcutta.
2-4-24	N	* Bahl, K. N. , D.SC., D.PHIL., F.N.I., F.R.A.S.B., <i>Professor of Zoology, Lucknow University</i> . Badshabagh, Lucknow.
7-4-41	R	Baker, ERNEST BRAIN HINDLEY , I.C.S., <i>Addl. Secretary to H.E. the Governor of Bengal</i> . 6, Wellesley Place, Calcutta.
1-8-38	R	Banerjee, J. N. , M.A., <i>Lecturer, Calcutta University</i> . 28, Manoharpukur Road, Calcutta.
6-2-18	N	Banerjee, NARENDRA NATH , C.E., A.M.I.E., <i>Chief Engineer, Posts & Telegraphs</i> , Simla. (38/1, Gariahat Road, Ballygunge, Calcutta).
7-12-36	R	Banerjee, S. , I.C.S., <i>Magistrate's House</i> . Mymensingh.
1-9-41	N	Banerji, SURES CHANDRA , M.A., <i>Zemindar</i> . 45, Laksmi Bazar, Dacca.
3-12-23	R	Barwell, N. F. , M.C., M.A., LT.-COL. (RETD.), <i>Barrister-at-Law</i> . 6, Middleton Street, Calcutta (and) Aylmerton House, Aylmerton, Norfolk, England.
2-10-39	N	Bastin, REGINALD WALTER , I.C.S., <i>Settlement Officer</i> , Mymensingh, E.B.Rly.
7-12-36	R	Basu, INDUBHUSAN , M.D. (CAL.), <i>Medical Practitioner, Associate Professor of Medicine and Visiting Physician, Carmichael Medical College</i> . 19, Vivekananda Road, Calcutta.
6-2-39	R	Basu, JNANENDRA NATH , VIDYALANKAR, <i>Member, Benares Hindu University Court, Fellow, Theosophical Society, Landholder, Director, Messrs. Thacker Spink & Co.</i> 9, Park Lane, Calcutta.
3-12-24	R	Basu, JATINDRA NATH , M.A., M.L.C., <i>Solicitor</i> . 14, Baloram Ghose Street, Calcutta.
5-2-40	N	Basu, MRIGANKA MAULI , <i>Member of the Indian Civil Service, S.D.O.</i> , Contai, Midnapur.
1-3-26	R	Basu, NARENDRA KUMAR , M.L.C., <i>Advocate, High Court</i> . 12, Ashu Biswas Road, Bhawanipore, Calcutta.
2-10-39	N	Basu-Mazoomder, WOOSHACUR , B.L., M.R.A.S., F.R.S.A. (LOND.), <i>Bengal Civil Service (Judicial), Munsif</i> . Barisal, Dist. Bakarganj.
7-7-09	N	Bazaz, RANGNATH KHEMRAJ , <i>Proprietor, Shri Venkateshwar Press</i> . 7th Khetwadi, Bombay No. 4.
4-3-40	N	Bell, FRANK OWEN , <i>Indian Civil Service, S.O.</i> , Dinajpur.
7-5-34	R	Bent, WILLIAM ANTONY , <i>Assistant, Messrs. George Henderson & Co., Ltd.</i> 101/1, Clive Street, Calcutta.
4-3-25	N	Benthall, THE HON'BLE SIR EDWARD C. , KT. New Delhi.
7-4-09	L	* Bentley, CHARLES A. , C.I.E., M.B., D.P.H., D.T.M. & H., F.R.A.S.B., <i>Professor of Hygiene</i> . University of Egypt, Cairo
8-1-36	N	Berkeley-Hill, OWEN , A.R., M.A., M.D., B.CH. (OXON), M.R.C.S. (ENGLAND), D.T.M. (LOND.), LT.-COL., I.M.S. (RETD.). Station View, Ranchi.

Date of Election.		
4-6-28	N	Bhadra , SATYENDRA NATH, RAI BAHADUR, M.A., <i>Principal, Jagannath Intermediate College</i> . Nayabazar, Dacca.
1-8-17	R	*Bhandarkar , DEVADATTA RAMKRISHNA, M.A., PH.D., F.R.A.S.B. 2/1, Lovelock Street, Ballygunge, Calcutta.
6-5-40	N	Bharucha , FARROKH E., <i>Merchant</i> , Canada Building, Hornby Road, Bombay.
7-7-24	L	Bhattacharyya , BINOYTOSH, M.A., PH.D., <i>Rajaratna, General Editor, Gaekwad's Oriental Series, and Librarian, Oriental Collections, Baroda State</i> . Baroda.
6-9-37	N	Bhattacharya , N. C., <i>Vice-Chairman, Birnagar Municipality</i> . Birnagar, Nadia.
4-6-28	N	Bhattasali , NALINI KANTA, M.A., PH.D., <i>Curator, Dacca Museum</i> . Ramna, Dacca.
5-3-28	R	Biswas , THE HON'BLE MR. JUSTICE CHARU CHANDRA, C.I.E., M.A., B.L., <i>Judge, High Court</i> . 58, Puddopukur Road, P.O. Elgin Road, Calcutta.
1-8-23	L	Biswas , KALIPADA, M.A., D.SC. (EDIN.), F.R.S.E., <i>Superintendent, Royal Botanic Garden</i> . Botanic Garden P.O., Howrah.
3-1-27	A	Bivar , HUGH GODFREY STUART, I.C.S., <i>District and Sessions Judge</i> . Faridpur.
4-11-35	N	Bor , N. L., M.A., D.SC., I.F.S. c/o Conservator of Forests, Shillong, Assam.
6-7-25	R	Bose , MANMATHA MOHAN, M.A., <i>Professor Emeritus, Scottish Church College</i> . 19, Gokul Mitra Lane, Hatkhola, Calcutta.
7-12-36	N	Bose , AMBUJ NATH, M.B.E., M.D. (LAUSANNE), F.R.C.P. (EDIN. & LOND.), LT.-COL., I.M.S. <i>Medical College</i> , Patna.
4-12-39	R	Bose , DEBENDRA MOHAN, M.A., PH.D., F.N.I., <i>Director, Bose Research Institute</i> , 93, Upper Circular Road, Calcutta.
7-8-39	R	Bose , GIRINDRASHEKHAR, M.B., D.SC., F.N.I., <i>Professor of Psychology and Head of Department of Psychology, Calcutta University</i> . 14, Parsi Bagan Lane, P.O. Amherst Street, Calcutta.
2-3-31	N	Bose , SUDHANSU KUMAR, B.SC. (CAL.), A.R.S.M., B.SC. (MINING) (LONDON), <i>Professor of Mining and Surveying</i> . Indian School of Mines, Dhanbad.
2-1-39	R	Bose , SUDHANSU MOHAN, M.A., LL.B. (CANTAB.), <i>Barrister-at-Law, Member, Public Service Commission</i> , Bengal. 3, Federation Street, P.O. Amherst Street, Calcutta.
2-11-36	N	Bothra , SUBHKARAN SINGH, <i>Landholder and Student</i> . Kundigar Bhairon, Jaipur City.
4-5-31	R	Bottomley , JOHN MELLOR, B.A. (OXON), I.E.S., <i>Director of Public Instruction, Bengal</i> . 1, Sunny Park, Ballygunge, Calcutta.
5-12-32	A	Boyle , CECIL ALEXANDER, MAJOR, D.S.O., <i>Adviser in Languages and Secretary to the Board of Examiners</i> . Army Headquarters, Simla.
3-12-34	R	Brahmachari , PHANINDRA NATH, M.SC., M.B. 19, <i>Loudon Street</i> , Calcutta.
1-1-08	L	*Brahmachari , SIR UPENDRA NATH, KT., RAI BAHADUR M.A., PH.D., M.D., F.S.M.F., F.N.I., F.R.A.S.B. 19, <i>Loudon Street</i> , Calcutta.
7-11-27	N	Brahmachary , SARAT CHANDRA, RAI BAHADUR, M.A., B.T. Kasba Road, Ballygunge, P.O. Dhakuria, 24-Pergs.

Date of Election.		
6-1-36	A	Brocke, A. G., D.SC. (DOCTOR PHILOSOPHIE NATURALIS) (JENA), Branch Manager, Pharmaceutical Department, 'Bayer', 52/4/1, Ballygunge Circular Road, Calcutta.
3-7-07	L	*Brown, JOHN COGGIN, O.B.E., D.SC., F.G.S., M.I.M.E., M.INST.M.M., M.I.E., F.R.A.S.B. c/o Messrs. Grindlay & Co., 54, Parliament Street, Westminster, London, S.W.1.
6-10-09	R	*Brown, PERCY, M.B.E., A.R.C.A., F.R.A.S.B., Secretary and Curator, Victoria Memorial, Calcutta.
4-3-40	R	Bruce, ALEXANDER EDWIN ROBERT, B.A., A.C.P., M.R.S.T., F.R.G.S., A.R.I.P.H.E., M.R.A.S., CAPT. 12, Russell Street, Calcutta.
8-1-96	F	*Burn, SIR RICHARD, KT., C.S.I., F.R.A.S.B. 9, Staverton Road, Oxford, England.
3-12-34	F	Burt, SIR BRYCE CHUDLEIGH, KT., C.I.E., M.B.E., B.SC., I.A.S., F.N.I. Bryn Dene, Allanson Road, Rhos-on-Sea, Colwyn Bay, N. Wales.
4-12-39	R	Cameron, REV. ALLAN, M.A., B.D., Principal, Scottish Church College. 3 and 4, Cornwallis Street, Calcutta.
4-7-38	A	Carstairs, ANDREW McLAREN, M.A., Bengal Chamber of Commerce. Royal Exchange Buildings, 2, Clive Street, Calcutta.
3-2-36	F	Catto of CAIRNCATTO, THE RIGHT HON'BLE LORD, BART. 'Woodlands', Clamp Hill, Stanmore, Middlesex, England.
1-9-20	R	Chakladar, HARAN CHANDRA, M.A. 28/4/2, Srimohan Lane, Kalighat, Calcutta.
7-3-32	R	Chuckerbutty, KHIRODE BEHARI, Engineer and Manufacturer. 7, Hindusthan Park, P.O. Ballygunge, Calcutta.
4-7-27	L	Chakravarti, CHINTAHARAN, M.A., KĀVYATĪRTHA, Professor. Krishnagar College, Krishnagar.
3-2-30	N	Chakravarti, M. N., M.SC., A.T.S. 'Gitanjali'. 37, Mayo Garden, Lahore.
3-1-27	N	Chakravarti, NIRANJANPRASAD, M.A., PH.D. (CANTAB.), Government Epigraphist. Office of the Government Epigraphist, Ootacamund, Nilgiris, S. India.
7-2-38	R	Chakravarti, P. K., M.A., B.L., Advocate, High Court. 6, Basanta Bose Road, Bhawanipore, Calcutta.
6-2-39	N	Chakravarti, RASHI MOHAN, PH.B., PURANRATNA, VIDYAVINODE, Superintendent, Rammala Chhatravas, Comilla, Bengal.
1-9-20	R	*Chanda, RAMAPRASAD, RAI BAHADUR, B.A., F.R.A.S.B. 37/1, Manoharpukur Road, Kalighat, Calcutta.
3-1-06	L	Chapman, JOHN ALEXANDER. 32, Lavington Road, West Ealing, London, W.3.
7-5-28	R	Chatterjea, SIR NALINI RANJAN, KT., M.A., B.L., Retired Judge and sometime acting Chief Justice, Bengal. 91A, Harish Mukherjee Road, Bhawanipore, Calcutta.
7-2-27	N	Chatterjee, ASHOK, B.A. (CAL.), B.A. (CANTAB.), Labour Welfare Office. Burnpur, Via Asansol.
1-7-40	R	Chatterjee, A. B., M.A., General Manager, Metropolitan Printing & Publishing House Ltd., 4-B, Council House Street, Calcutta.
27-10-15	F	Chatterjee, SIR ATUL CHANDRA, K.C.I.E., K.C.S.I., Late High Commissioner for India. Withdean, Cavendish Road, Weybridge, Surrey, England.

Date of Election.		
2-3-36	R	Chatterjee , MANOMOHAN, B.S.C. (CAL.), PH.D. (LOND.), A.R.C.S., D.I.C., <i>Professor of Geology, Presidency College.</i> 170/2, Lower Circular Road, Calcutta.
1-10-20	R	Chatterjee , NIRMAL CHANDRA, <i>Barrister-at-Law.</i> 5, Theatre Road, Calcutta.
4-7-27	R	Chatterjee , PATITFABON, M.A., B.L., <i>Vakil, High Court.</i> 84, Harrison Road, Calcutta.
3-12-34	N	Chatterjee , SISIR CHANDRA, M.D. (EDIN.), M.R.C.P. (EDIN.), D.P.H. (EDIN.), <i>Chief Medical & Health Officer.</i> Headquarters Offices, N.W. Ry., Lahore.
2-9-40	N	Chatterji , BANKIM CHANDRA, M.S.C., (GOLD MEDALLIST), <i>Member of the Calcutta Mathematical Society, Research Scholar, Calcutta University.</i> P.O. Raghdhi, Faridpur.
4-6-34	N	Chatterji , BIJAN RAJ, PH.D. (LONDON), D.LITT. (PUNJAB), <i>Professor of History, Meerut College.</i> Meerut.
5-1-31	N	Chatterji , DURGACHARAN, M.A., <i>Lecturer in Sanskrit.</i> Krishnagar College, Krishnagar.
7-6-11	R	Chatterji , KABUNA KUMAR, LT.-COL., I.T.F., M.C., V.H.A.S. 15, Camac Street, Calcutta.
7-5-28	R	Chatterji , KEDAR NATH, B.S.C. (LONDON), A.E.C.S. (LONDON). c/o 'Probasi' office, 120/2, Upper Circular Road, Calcutta.
6-8-24	R	* Chatterji , SUNITI KUMAR, M.A. (CAL.), D.LITT. (LONDON), F.R.A.S.B. <i>Khaira Professor of Linguistics, Calcutta University.</i> 'Sudharma', 16, Hindusthan Park, (off Rashbihari Avenue East End), Ballygunge, Calcutta.
2-3-36	N	Chatterji , MRS. TUHNIKA, M.A., KAVYATIRTHA, <i>Research Scholar, Examiner, Calcutta University.</i> 5, Wood Street, Calcutta.
5-11-24	R	Chattopadhyay , K. P., M.S.C., <i>Professor and Head of the Department of Anthropology, Calcutta University.</i> 2, Palm Place, Ballygunge, Calcutta.
2-11-25	N	Chattopadhyaya , KSHETRESA CHANDRA, M.A., <i>Lecturer in Sanskrit.</i> Allahabad University, Allahabad.
4-4-38	R	Chaudhuri , MRS. ROMA, M.A., D.PHIL. (OXON). 3, Federation Street, Calcutta.
4-11-35	R	Chaudhuri , S. N. 52, Ballygunge Circular Road, Calcutta.
5-12-23	L	Chopra , B. N., D.S.C., F.N.I., F.L.S., <i>Assistant Superintendent, Zoological Survey of India.</i> Kaiser Castle, Benares.
1-2-22	R	* Chopra , SIR R. N., KT., C.I.E., M.A., SC.D., M.D. (CANTAB.), F.R.C.P., F.N.I., F.R.A.S.B., BREVET-COL., I.M.S., <i>Director-General of Medical Services, Jammu and Kashmir State.</i> Srinagar, Kashmir.
5-12-27	L	Chowdhury , SIR CHHAJURAM, KT., C.I.E., M.L.C. 21, Belvedere Road, Calcutta.
2-4-28	R	Chowdhury , RAI JATINDRANATH, <i>Zemindar.</i> 36, Russa Road, Tollygunge, Calcutta.
3-7-07	L	* Christie , WILLIAM ALEXANDER, KYNOCH, B.S.C., PH.D., M.INST.M.M., F.R.A.S.B. Secretariat, Principal Supply Officers' Committee (India), Defence Department, Simla.
2-2-31	R	Clough , JOHN, <i>Barrister-at-Law.</i> 17, Store Road, Ballygunge, Calcutta.
5-5-30	F	Cooper , G. A. P. 29, Eccleston Street, Eaton Square, London, S.W. 1.
4-11-29	L	* Cotter , GERALD DE PURCELL, B.A., SC.D. (DUBLIN), M.INST.M.M., F.G.S., F.R.A.S.B. 'Fallowfield', Manor Road, Penn., Bucks., England.

Date of Election.		
4-3-40	A	Crawford, C. E. J., B.A., B.Sc., <i>Imperial Chemical Industries (India) Ltd.,</i> 18, Strand Road, Calcutta.
6-3-39	N	Culshaw, Rev. Wesley James, <i>Methodist Minister.</i> P.O. Saranga. Dist. Bankura.
7-3-32	R	Darbari, M. D., <i>Incorporated Accountant, S. B. Billimoria & Co., Ltd.</i> 100, Clive Street, Calcutta.
4-3-25	R	Das, AJIT NATH, RAI BAHADUR, M.R.A.S., F.Z.S., <i>Zemindar.</i> 24, South Road, Entally, Calcutta.
5-12-39	R	Das-Gupta, C. C., M.A., 3, Alipore Park Avenue, Alipore, Calcutta.
1-3-26	R	Datta, HIRENDRA NATH, M.A., B.L., <i>Solicitor, High Court.</i> 139, Cornwallis Street, Calcutta.
6-8-24	L	Davies, L. M., LT.-COL., M.A., F.R.S.E., F.R.A.I., F.G.S. 8, Garscube Terrace, Murrayfield, Edinburgh, 12, Scotland.
4-3-29	R	De, J. C., M.B., LT.-COL., I.M.S. 5, Loudon Street, Upper Flat, Calcutta.
3-6-40	R	De, JATIS CHANDRA, M.A., B.L. (CAL.), M.A. (LOND.), 11, Ray Street, Elgin Road, Calcutta.
19-9-95	L	De, KIRAN CHANDRA, C.I.E., B.A., I.C.S. (RETD.), 2, Gokhale Road, Calcutta.
5-12-27	L	Dechhen, H.H. MAHARANI KUNZANG, <i>Maharani of Sikkim.</i> Gangtok, Sikkim.
5-5-30	N	Deo, SIR PRATAP CHANDRA BHANJ, K.C.I.E., <i>Maharajah, Ruler of Mayurbhanj State.</i> P.O. Baripada, Mayurbhanj, B.N.R.
4-5-10	L	Dhavia, Hon'ble Mr. Justice Shankar Balaji, B.A., I.C.S., <i>Judge, Patna High Court.</i> Patna.
4-8-20	N	*Dikshit, KASHINATH NARAYAN, M.A., F.R.A.S.B. Director-General of Archaeology, New Delhi.
5-1-98	R	Dods, WILLIAM KANE, <i>Agent Hongkong and Shanghai Banking Corporation.</i> 6, Minto Park, Alipur, Calcutta.
2-7-02	L	Doxey, FREDERICK. 'Ballygunge', Cooden Drive, Bexhill-on-Sea, Sussex, England.
7-11-32	R	Driver, DARAB CURSETJI, M.A. (CANTAB.), <i>Barrister-at-Law, Constituted Attorney to Messrs. Tata & Sons, Ltd., Managing Agents for The Tata Iron & Steel Co., Ltd.</i> Flat No. 1, 2A, Lord Sinha Road, Calcutta.
6-6-38	N	Dudhoria, NABA KUMAR SING, <i>Zemindar and Banker.</i> Azimganj, Dt. Murshidabad.
6-9-37	A	Durniz-Podewils, Count, <i>Consul-General for Germany.</i> 34, Park Street, Calcutta.
2-1-33	N	Dutch, ROBERT AUSTEN, B.A. (CANTAB.), I.C.S., <i>District Judge.</i> Alipore, Calcutta.
30-9-35	R	Dutt, MOHENDRA NATH, L.E., <i>Consulting Engineer.</i> 12, Kailas Bose Lane, Howrah.
5-12-32	R	Dutt, NALINAKSHA, M.A., B.L., PH.D., D.LITT. (LOND.), <i>Lecturer, Post-graduate Department of Pali and Ancient Indian History and Culture, Calcutta University.</i> 39, Badur Bagan Row, P.O. Amherst Street, Calcutta.
1-7-40	R	Dutt, SUDHIR CHUNDER, CAPT., M.B., A.I.R.O., <i>Ophthalmic Surgeon, Mayo Hospital.</i> 214, Lower Circular Road, Calcutta.
2-12-40	R	Edgley, THE Hon'ble Mr. Justice Norman George Armstrong, M.A. (OXON.), <i>Barrister-at-Law, I.C.S., Judge, Calcutta High Court.</i> 9/1, Middleton Street, Calcutta.

Date of Election.		
1-11-38	N	Eekhout, JHR. P.J., <i>Vice-Consul for Netherlands.</i> Clarke's Hotel, Simla.
5-1-31	L	Evans, PERCY, B.A. (CANTAB.), F.G.S., <i>Geologist.</i> c/o The Burma Oil Co., Digboi, Assam.
1-12-41	N	Ewart, DOUGLAS J., <i>Missionary of Presbyterian Church of Scotland.</i> Westminster Hostel, Rajshahi, Bengal.
6-2-28	L	Ezra, SIR DAVID, KT., F.Z.S., M.B.O.U. 3, Kyd Street, Calcutta.
2-5-38	R	Faroqui, NAWAB SIR K. G. M., KT., of Ratanpur. 20/1, Store Road, Calcutta.
2-12-20	R	Fawcus, LOUIS REGINALD, C.I.E., B.A. (CANTAB.), <i>Indian Civil Service.</i> United Service Club, Calcutta.
3-8-04	L	*Fermor, SIR LEWIS LEIGH, KT., O.B.E., M.INST.M.M., D.S.C., A.R.S.M., F.G.S., F.R.S., F.N.I., F.R.A.S.B., <i>Director, Geological Survey of India (retd.).</i> c/o Messrs. Lloyds Bank, Ltd., 6, Pall Mall, London.
4-1-26	F	Fleming, ANDREW. <i>Rand Club,</i> Johannesburg.
4-3-40	R	Foster, ALBERT RIDGELEY, B.SC., A.I.C., <i>Agricultural Chemist and Agricultural Expert, c/o Imperial Chemical Industries (India) Ltd.,</i> 18, Strand Road, Calcutta.
5-11-13	L	*Fox, CYRIL S., D.S.C. (BIRM.), M.I.M.E., F.G.S., F.N.I., F.R.A.S.B. <i>Director, Geological Survey of India,</i> 27, Chowringhee, Calcutta.
5-11-28	R	Galstaun, JOHN CARAPIET, O.B.E., <i>Merchant and Landholder.</i> 234/4, Lower Circular Road, Calcutta.
1-11-26	R	Galstaun, SHANAZAN, G., M.A., D.M.R.E., M.R.C.S., L.R.C.P., <i>Medical Practitioner, Radiologist, Medical College Hospital.</i> 34, Chowringhee Road, Calcutta.
6-10-09	R	*Gangoly, ORDHENDRA COOMAR, B.A., F.R.A.S.B. 2, Asutosh Mukherjee Road, Calcutta.
5-11-34	R	Gee, EDWARD ROWLAND, M.A. (CANTAB.), F.N.I., F.G.S., <i>Assistant Superintendent, Geological Survey of India.</i> 27, Chowringhee, Calcutta.
2-1-33	N	George, JAMES, B.A. (CANTAB.), I.C.S., <i>Joint Magistrate and Dy. Collector.</i> Dacca.
5-2-40	N	Ghatak, INDU BHUSHAN, B.A. (CAL.), C.T.E. (DAC.), MED. (AMB.), DIP. LBR. (B.L.A.), <i>Examiner, Patna University, Lecturer, St. John Ambulance Association, Ex-member, Subordinate Educational Service, C.P., Associate, Red Cross Society, Headmaster, Raj High School.</i> Garh Banaili P.O., Purnea.
6-2-33	L	Ghatak, JYOTISH CHANDRA, M.A. (TRIPLE), SAHITYA SARASWATI, JYOTISH-SAGARA, <i>Professor, Calcutta University.</i> 4, Boloram Bose Ghat Road, Bhawanipore, Calcutta.
7-5-28	R	*Ghosal, UPENDRA NATH, M.A., PH.D., F.R.A.S.B., <i>Professor of History, Presidency College.</i> 35, Badur Bagan Row, Calcutta.
5-4-26	R	Ghose, BIMAL CHANDRA, Barrister-at-Law. 27/1, Harish Mukherjee Road, Calcutta.
7-1-29	A	Ghose, MOHIM CHANDRA, B.A. (CAL.), M.A. (CANTAB.), I.C.S., <i>Barrister-at-Law (Inner Temple), Retd. Judge, Calcutta High Court.</i> 4A, Little Russell Street, Calcutta.
3-12-24	R	Ghose, SUSHIL CHANDRA, B.A., <i>Deputy Magistrate.</i> 1, Sikdarbagan Street, Calcutta.

Date of Election.		
7-9-36	R	Ghosh, J. , M.A. (CAL.), PH.D. (EDIN.), F.N.I., <i>Professor of Mathematics, Presidency College.</i> 9, Satyan Dutta Road, Calcutta.
4-9-39	N	Ghosh, J. C. , D.SC., F.N.I., <i>Director, Indian Institute of Science.</i> Hebbal, Bangalore.
2-4-24	R	Ghosh, K. , D.T.M., D.P.H. (CANTAB.), L.M.S., <i>Medical Practitioner.</i> 45, Creek Row, Calcutta.
7-3-27	R	Ghosh, PHANINDRA NATH , M.A., PH.D., SC.D. (PADUA), F.INST.P., <i>Sir Rashbehary Ghosh Professor of Applied Physics, University of Calcutta.</i> 92, Upper Circular Road, Calcutta.
2-9-40	R	Ghosh, PRASHANTA KUMAR , <i>Visiting Physician, Carmichael Medical College Hospital, Belgachia, Calcutta.</i> P.7/1, Chittaranjan Avenue, P.O. Beadon Street, Calcutta.
1-7-40	R	Ghosh, RATNESWAR , <i>Merchant and Manufacturer.</i> 12/2, Circular Garden Reach Road, Kidderpore, Calcutta.
1-2-26	R	Ghuznavi, SIR ABDUL HALIM , KT., M.L.A., <i>Zemindar.</i> 18, Canal Street, Entally, Calcutta.
6-8-28	R	Ghuznavi, ISKANDER S. K. , <i>Zemindar.</i> 21, Syed Ameer Ali Avenue, Circus P.O., Calcutta (and) Dilduar, Mymensingh.
7-12-36	R	Gillespie, ANDREW DOLLAR , <i>Chemist and Senior Partner, Messrs. Bathgate & Co.</i> 17, Old Court House Street, Calcutta.
5-3-28	R	GoopTU, DWIJENDRA NATH , <i>Medical Practitioner and Landholder.</i> 5, Middleton Street, Calcutta.
1-12-41	R	Grant, JOHN B. , M.D., M.P.H., F.A.P.H.A., <i>Director, All-India Institute of Hygiene and Public Health.</i> 110, Chittaranjan Avenue, Calcutta.
7-9-10	N	*Gravely, FREDERIC HENRY , D.SC., F.N.I., F.R.A.S.B. <i>Museum House, Egmore, Madras.</i>
6-5-40	R	Griffiths, WALTER GERALDSON , B.SC. (CALIF.), B.D. (DREW), M.A. (NEW YORK), PH.D. (DREW), <i>Missionary.</i> 13, Wellington Square, Calcutta.
4-2-25	L	*Guha, B. S. , M.A., PH.D. (HARVARD), F.N.I., F.R.A.S.B. <i>Indian Museum, Calcutta.</i>
5-3-19	N	Gupta, SIVAPRASAD. <i>Seva Upavana, Benares City.</i>
5-8-15	R	Gurner, CYRIL WALTER , B.A. (OXON), C.S.I., I.C.S., <i>Chairman, Improvement Trust.</i> 5, Clive Street, Calcutta.
5-2-34	R	Haldar, BHARATI VIKAS , M.A., B.L., <i>Advocate, High Court.</i> 47, Haldarpara Road, Kalighat, Calcutta.
6-1-30	N	Haldar, SUDHINDRA KUMAR , M.A., I.C.S., <i>Commissioner, Burdwan Division.</i> Chinsurah.
6-9-37	N	Halim, ABDUL, DR. , M.A., <i>Lecturer in History, Muslim University.</i> M. U. Fida Manzil, Aligarh.
2-4-24	R	Haq, M. MAHFUZ-UL , M.A., <i>Professor, Presidency College.</i> 87, Park Street, Park Circus, Calcutta.
1-2-26	F	Harris, H. G. <i>Gunnespory Avenue, Ealing, London.</i>
4-3-40	N	Harshé, RAMKRISHNA GANESH , B.A. (TILAK), D.LIT. (PARIS), <i>Registrar, Deccan College Post-Graduate and Research Institute, Poona.</i>
4-3-40	N	Haryana, RAM ADHAR , B.A., <i>Dy. Jailor (U.P. Jails), District Jail, Etah, (U.P.).</i>
7-8-39	A	Helland, BERNHARD ALVIN , M.A. (MINNESOTA), B.D. (AUGSBURG SEMINARY, U.S.A.), <i>Missionary, Principal, Kaerabani Boys' Middle English and Guru Training School, Kaerabani, via Dumka, Santal Parganas.</i>

Date of Election.		
6-8-28	N	*Heron, A. M., D.Sc. (EDIN.), F.G.S., F.R.G.S., F.N.I., F.R.S.E., <i>Late Director, Geological Survey of India. Mines and Geology Office, Hyderabad, Deccan.</i>
4-11-35	R	Hirtzel, MICHAEL ARTHUR FREDERICK, B.A. (TRINITY COLLEGE, OXFORD), <i>Mercantile Assistant, Macneill & Co. 2, Fairlie Place, Calcutta.</i>
1-4-25	R	Hobbs, HENRY, MAJOR, V.D. 9, <i>Old Court House Street, Calcutta.</i>
2-12-40	R	Hodgson, LIONEL LEONARD, <i>Secretary and Treasurer, British and Foreign Bible Society (Calcutta Aux.). Bible House, 23, Chowringhee Road, Calcutta.</i>
7-3-27	A	Hopkinson, ARTHUR JOHN, I.C.S., <i>Secretary to the Government, N.-W.F. Province. Peshawar, N.-W.F.P.</i>
2-11-21	L	*Hora, SUNDER LAL, RAI BAHADUR, D.SC., F.Z.S., F.R.S.E., F.N.I. F.R.A.S.B. <i>Director of Fisheries, Bengal. 1, Deodar Street, Ballygunge, Calcutta.</i>
6-6-23	L	*Howard, SIR ALBERT, KT., C.I.E., M.A., F.R.A.S.B., <i>Late Director, Institute of Plant Industry, Indore, and Late Agricultural Adviser to States in Central India. 14, Liskeard Gardens, Blackheath, London, S.E. 3.</i>
5-2-40	R	Huda, SYED SHAMSUL, <i>Research Scholar (Anjuman Taraqqee Urdu, Delhi), 3B, Ta'tolla, Entally, Calcutta.</i>
7-3-32	R	Hughes, ARTHUR, B.A. (MANCHESTER), <i>Indian Civil Service, Labour Commissioner, Bengal. 5, Council House Street, Calcutta.</i>
6-8-34	N	Husain, SYED ATA, M.A. (CAL.), C.E. (ROORKEE), <i>Retired Superintending Engineer, Hyderabad State. Mohalla Lingumpally, Hyderabad, Deccan.</i>
6-6-23	A	*Hutton, J. H., C.I.E., I.C.S., M.A., D.Sc., F.R.A.S.B. <i>University Museum of Archæology and Ethnology, Downing Street, Cambridge, England.</i>
1-12-41	R	Ingalls, DANIEL HENRY HOLMES, M.A. (HARVARD), <i>Junior Fellow of Society of Fellows, Harvard University. 2/7, Lansdowne Road, Calcutta.</i>
1-2-11	L	Insch, JAMES. 18, <i>Beechwood Avenue, Boscombe, Hants, England.</i>
2-12-40	R	Isch-Wall, CLAUDE, LICENCIÉ-ÈS-SCIENCE (MATHÉMATIQUES ET PHYSIQUES) <i>Lieutenant British Army, Grand Hotel, Calcutta.</i>
2-5-38	R	Jacob, J. R., <i>Director, Messrs. B. N. Elias & Co., Merchant and Landholder. Norton Buildings, Old Court House Corner, Calcutta.</i>
1-7-40	R	Jagannath, SRI, M.SC., I.S.R., <i>Superintendent, Commercial, E.I. Ry. House. Fairlie Place, Calcutta.</i>
6-6-27	L	Jain, BALDEODAS, <i>Merchant and Banker. 21, Armenian Street, Calcutta.</i>
2-2-21	R	Jain, CHHOTE LAL, M.R.A.S. 174, <i>Central Avenue, Calcutta.</i>
6-1-30	N	Jain, NIRMAL KUMAR. <i>Devashrama, Arrah.</i>
2-12-40	R	Jalan, MOHANLAL, <i>Landlord, c/o Seth Soorajmall Jalan, Smriti Bhawan, 186, Chittaranjan Avenue, Calcutta.</i>
7-4-41	N	Jamal-ud-Din, LIEUT.-COL., <i>Civil Surgeon, Rawalpindi.</i>
1-11-26	N	Jameson, THOMAS BLANDFORD, MAJOR, M.C., M.A. (CANTAB.), I.C.S., <i>Magistrate and Collector, Chittagong.</i>
1-11-38	R	Jatia, KANAI LALL. 21, <i>Roopchand Roy Street, Calcutta.</i>

Date of Election.		
4-2-29	R	Jenkins, WALTER ALLEN, D.SC. (SHEFFIELD), I.F.S. United Service Club, Calcutta.
1-11-11	L	Kamaluddin, AHMAD, SHAMS'UL-'ULAMA, M.A., I.E.S., 3, Nawab Abdur Rahman Street, Calcutta.
4-5-10	L	*Kemp, STANLEY W., B.A., D.SC., F.R.S., F.A.S.B. <i>Marine Biological Association of U.K.</i> The Laboratory, Citadel Hill, Plymouth, England.
6-3-01	N	*Khan, THE HON'BLE NAWAB SADR YAR JUNG, MOHD. HABIB-UL-RAHMAN, F.R.A.S.B., <i>Rais, Bhikanpur.</i> Habibganj, District Aligarh.
3-12-24	R	Khan, REZAUR RAHMAN, M.A., B.L., Deputy President, <i>Bengal Legislative Council.</i> 46, Old Ballygunge 1st Lane, Calcutta.
2-8-26	R	Khettry, BENIMADHO, Proprietor, Messrs. Gouri Shanker Kheltry, Landholders, Bankers and Merchants. 15, Paggiyapatti, Barabazar, Calcutta.
2-11-25	F	Kimura, R. (Ko-Shi), Principal, College Department of Risho University. Osaki Machi, Tokyo, Japan.
5-5-41	A	Kirby, EDWARD STUART, CAPTAIN, PH.D., B.SC. (ECON.), F.R.ECON.S., Indian Army, 12, Russell Street, Calcutta.
5-2-34	N	Kirby, WALTER, B.SC., Inspector of Mines in India. Dhanbad, E.I.R.
4-11-35	A	Klebe, ANINA, née BRANDT, PH.D. (GREIFSWALD, GERMANY), Psychologist. 26, Royal Court, 5/1, Russell Street, Calcutta.
1-3-26	R	Kramrisch, STELLA (MRS.), PH.D., Lecturer in Ancient Indian History (Fine Arts), Calcutta University. 14, Y.W.O.A., 1, Middleton Row, Calcutta.
7-3-23	A	Labey, GEORGE THOMAS, M.C., Bengal Pilot Service. United Service Club, Calcutta.
4-2-35	R	Lal, RAM BIHARI, M.B.B.S., D.P.H., D.T.M. & H., D.B., F.N.I., Professor of Vital Statistics and Epidemiology, All-India Institute of Hygiene and Public Health. 21, Chittaranjan Avenue, Calcutta.
5-2-40	R	Law, ANANTA CHURN, Attorney-at Law, 23, Badur Bagan Road, Calcutta.
5-2-34	R	Law, BHABANI CHURN, Merchant, Zemindar and Artist. 223, Cornwallis Street, Calcutta.
5-8-14	L	*Law, BIMALA CHARAN, M.A., B.L., PH.D., F.R.HIST.S., F.R.A.S.B. 43, Kailas Bose Street, Calcutta.
1-2-11	R	*Law, NARENDRA NATH, M.A., B.L., PH.D., F.R.A.S.B. 96, Amherst Street, Calcutta.
4-2-35	R	Law, PARBUTTY CHURN. 223, Cornwallis Street, Calcutta.
1-7-14	R	Law, SATYA CHURN, M.A., B.L., PH.D., F.N.I., F.Z.S., M.B.O.U. 50, Kailas Bose Street, Calcutta.
7-6-26	R	Lemmon, RICHARD DENNIS, Merchant. c/o Messrs. Martin & Harris, Ltd., 17, Prinsep Street, Calcutta.
1-6-31	L	Lort-Williams, SIR JOHN, KT., K.C., Barrister-at-Law. 2/1, Lansdowne Road, Calcutta.
2-8-05	L	*McCay, DAVID, LT.-COL., I.M.S., M.D., B.CH., B.A.O., M.R.C.P., F.R.A.S.B. c/o The Standard Bank of S. Africa, Hanover, Cape Province, S. Africa.
11-1-93	L	*MacLagan, SIR EDWARD DOUGLAS, K.C.S.I., K.C.I.E., F.R.A.S.B. 39, Egerton Terrace, London, S.W. 3.

Date of Election.		
3-3-20	R	Mahalanobis, P. C. , O.B.E., M.A., B.Sc., F.N.I., I.E.S., <i>Professor, Presidency College.</i> 210, Cornwallis Street, Calcutta.
2-5-38	R	Mahtab, MAHARAJ KUMAR A. C. , Bijay Manzil, 2, Judge's Court Road, Alipur, Calcutta.
3-2-30	N	Mahtab, UDAY CHAND , B.A., <i>Maharajadhiraja Bahadur of Burdwan.</i> The Palace, Burdwan.
6-2-24	A	Mahindra, K. C. , B.A. (CANTAB.). Messrs. Martin & Co., 12, Mission Row, Calcutta.
3-7-39	R	Majumdar, JATINDRA MOHAN , M.A., <i>Deputy Dock Superintendent, Calcutta Port Commissioners.</i> 29, School Row, Bhawanipore, Calcutta.
2-2-16	R	Majumdar, NARENDRA KUMAR , M.A., <i>Professor, Calcutta University.</i> 3, Government Place, West, Calcutta.
4-6-13	R	*Majumdar, RAMESH CHANDRA , M.A., PH.D., F.R.A.S.B., <i>Vice-Chancellor, Dacca University (retd.)</i> , 4, Bepin Pal Road, Kalighat Calcutta.
7-4-41	R	Malik, A. R. , KHAN BAHADUR, <i>Senior Marketing Officer, Bengal.</i> 49, Jhowtala Road, P.O. Ballygunge, Calcutta.
4-11-20	N	Mallya, BANTWAL GANAPATHY , LT.-COL., F.R.C.S., M.D., M.R.C.S., I.M.S., <i>Officer Commanding, War Hospital, Bikaner.</i>
6-2-18	L	*Manen, JOHAN VAN , C.I.E., <i>Officer de l'Instruction Publique, F.R.A.S.B.</i> 6, Temple Chambers, 6, Old Post Office Street, Calcutta.
5-6-01	F	Mann, HAROLD HART , D.Sc., M.Sc., F.I.C., F.L.S. Woburn Experimental Station, Aspley Guise, Bedfordshire, England.
4-3-40	R	Mazumdar, DWIJENDRA LAL , <i>Indian Civil Service</i> , 11A, Mayfair, Ballygunge, Calcutta.
2-1-28	N	Mello, FROILANO DE, COLONEL , <i>Director-General of Medical Services in Portuguese India, Professor of Parasitology.</i> Nova Gôa.
6-3-39	R	Meyer, MISS SALLY , M.A., <i>Professor of Botany, Victoria Institution.</i> 11, Sudder Street, Calcutta.
5-11-84	L	*Middlemiss, CHARLES STEWART , C.I.E., F.R.S., B.A., F.G.S., F.R.A.S.B. Aviemore, Crowborough, Sussex, England.
1-2-26	N	*Mills, JAMES PHILIP , C.I.E., I.C.S., M.A. (OXON), J.P., F.N.I., F.R.A.S.B. Secretariat, Shillong, Assam.
3-3-41	R	Mitra, MISS PRITI , M.A., <i>Research Student.</i> 14, Chowringhee Terrace, Calcutta.
5-3-24	N	Mitter, SIR B. L. , K.C.S.I., M.A., B.L., <i>Barrister-at-Law, Advocate-General, Federal Court.</i> New Delhi.
5-4-26	R	Mitter, KHAGENDRA NATH, RAI BAHADUR , M.A., <i>Professor, Presidency College (Retired).</i> 6, Ballygunge Place, Calcutta.
30-9-35	R	Mitter, SUDHIR CHUNDER , <i>Barrister-at-Law.</i> 19, Camac Street, Calcutta.
7-12-36	R	Mitra, S. C. 34, Shampukur Street, Calcutta.
1-11-26	R	Modi, JAL R. K. , B.A. 4, Camac Street, Calcutta.
5-3-34	R	Modi, JEHANGIR JEEVANJI JAMSHEDJI , <i>Merchant.</i> 5, Dhurruntollah Street, Calcutta.
5-11-24	R	Mookerjee, B. N. , B.A. (CANTAB.), <i>Engineer.</i> 12, Mission Row, Calcutta.
2-7-24	R	Mookerjee, THE HON'BLE DR. SYAMAPRASAD , M.A., B.L., D.LITT., <i>Barrister-at-Law, Minister, Govt. of Bengal.</i> 77, Asutosh Mookerjee Road, Calcutta.
5-4-37	N	Mooney, H. F. , I.F.S., <i>Forest Adviser.</i> Sambalpur, B.N. Ry., Orissa.

Date of Election.		
5-7-37	A	Mozumdar , SUPRABHAT, <i>Master, Rajkumar College. Staff Club, Raipur, C.P.</i>
4-12-39	R	Mukerjea , JYOTISH CHANDRA, <i>Late Chief Executive Officer, Calcutta Corporation, 28, Camac Street, Calcutta.</i>
6-3-39	R	Mukerjee , S. C., <i>Retired Member of the Indian Civil Service. 25/1, Rowland Road, Calcutta.</i>
2-2-21	N	Mukerjee , SUBODH CHANDRA, SHASTRI, M.A., DOCTEUR-ES-LETTRES (PARIS), <i>Head of the Dept. of Sanskrit, Hindu University, Benares.</i>
6-2-28	R	Mukerji , SIR MANMATHA NATH, KT., M.A., B.L., <i>Judge, Calcutta High Court (retd.). 8/1, Harsi Street, Calcutta.</i>
5-7-37	R	Mukerji , PANNALAL, RAI BAHADUR, <i>Zemindar and Honorary Magistrate. 7, Rajmohan Road, Uttarpara, Hooghly.</i>
7-11-27	N	Mukherjee , DEVAPROSANNA, M.A., B.L., <i>Zemindar. Burdwan.</i>
2-8-26	R	*Mukherjee , JNANENDRA NATH, D.S.C. (LONDON), F.C.S. (LONDON), F.N.I., F.R.A.S.B., <i>Ghose Professor of Chemistry, University of Calcutta. 92, Upper Circular Road, Calcutta.</i>
5-7-26	R	Mukhopadhyaya , PRABHAT KUMAR, M.A., <i>Research Assistant, Calcutta University. 6, Hindustan Park, Ballygunge, Calcutta.</i>
2-2-21	R	Mukhopadhyaya , RAMAPRASAD, M.A., B.L. 77, <i>Ashutosh Mookerjee Road, Bhawanipore, Calcutta.</i>
2-4-28	R	Mullick , KARTICK CHURN, KUMAR, <i>Director, Raja D. N. Mullick & Sons, Ltd. Colootola Rajbati, Chittaranjan Avenue, Calcutta.</i>
6-8-34	R	Mullick , MANICK LALL, <i>Landholder; Honorary Magistrate, Sealdah. 123, Grey Street, Calcutta.</i>
4-3-29	R	Mullick , PRAMATHA NATH, RAI BAHADUR, <i>Zemindar and Landholder. 129, Cornwallis Street, Calcutta.</i>
7-5-28	N	Murray , EUGENE FLORIAN OLIPHANT, A.I.M.M., F.G.S., <i>Mining Geologist and Engineer. Tatanagar, B.N. Ry.</i>
5-6-39	R	Nag , KALIDAS, M.A. (CAL.), D.LITT. (PARIS), <i>Lecturer, Calcutta University. P.26, Lansdowne Road Extension, Calcutta.</i>
5-12-27	L	Namgyal , H.H. MAHARAJA SIR TASHI, K.O.I.E., <i>Maharaja of Sikkim. Gangtok, Sikkim.</i>
6-6-27	N	Nandi , MAHARAJA SRIS CHANDRA, M.A., M.L.C., <i>Zemindar. Kasimbazar Rajbari, Kasimbazar, Murshidabad.</i>
4-2-29	N	Narain , HIRDE, M.A., B.T., <i>Professor of History, Morris College. Nagpur, C.P.</i>
5-2-34	N	Nariman , RUSTOM, K., M.I.C.E., A.C.H., F.R.G.S. (<i>Retired Superintending Engineer, Punjab Irrigation</i>), <i>Professor of Engineering, Osmania University. c/o The Union Bank of India. Fort, Bombay.</i>
5-3-28	R	Neogi , PANCHANAN, M.A., PH.D., F.N.I., I.E.S., <i>Professor of Chemistry, Presidency College. 44A, New Shambazar Street, Calcutta.</i>
3-11-30	N	Newman , CARL DAMIEN, M.B., B.S., D.T.M. & H., D.P.H., <i>Chief Medical Officer. 6, Mayo Gardens, Lahore.</i>
3-12-24	A	Newman , CHAS. F., F.R.G.S., M.R.S.T., M.C.P. <i>Ramnagar, Benares.</i>
7-4-15	L	Ohtani , COUNT KOZUI. <i>San-ya-so, Edomachi, Fushimi, Kyoto, Japan.</i>

Date of Election.		
1-5-39	A	Parker, E., CAPT., I.A. (RETD.). c/o Remington Rand Inc., 3, Council House Street, Calcutta.
5-2-34	N	Pasricha, CHIRANJI LAL, M.A., M.B., B.OHIR. (CANTAB.), M.R.C.S. (ENG.), L.R.C.P. (LOND.), MAJOR, I.M.S., Medical Directorate, General Headquarters, Delhi.
5-2-40	R	Pask, JOHN DAVID, B.SC., PH.D. (LEEDS), Chief Chemist, Howrah Mills Co., Ltd., Ramkristopur, Howrah.
2-6-41	R	Paterson, EDWARD ALFORD, Assistant, Jardine, Skinner & Co., Ltd., 4, Clive Row, Calcutta.
6-6-88	L	Pennell, AUBREY PERCIVAL, M.A., Barrister-at-Law. St. Canon's Tower, Loch Awe, Argyll, Scotland.
5-2-34	N	Percival, FREDERICK GEORGE, PH.D. (LOND.), F.G.S., General Superintendent, Ore Mines and Quarries, Tata Iron and Steel Co., Ltd. Jamshedpur.
1-4-25	R	Perier, FERDINAND, S.J., Most Reverend the Archbishop of Calcutta. 32, Park Street, Calcutta.
3-6-40	F	Poleman, HORACE IRVIN, B.A., M.A., PH.D., Director of Indic Studies, Library of Congress. Washington, D.C., U.S.A.
3-4-18	L	*Prashad, BAINI, D.SC., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B., Director, Zoological Survey of India. Kaiser Castle, Benares.
3-8-25	N	*Pruthi, HEM SINGH, M.SC. (PUNJAB), PH.D. (LONDON), F.N.I., F.R.A.S.B., Imperial Entomologist, Imperial Institute of Agricultural Research, New Delhi.
3-12-24	R	Pushong, E. S., M.D., L.S.A., Medical Practitioner. 1, Chapel Road, Hastings, Calcutta.
3-11-30	R	Rahman, SHAH KALIMUR, M.A., Lecturer in Arabic and Persian, Calcutta University. Carmichael Hostel, 51, Baitakkhana Road, Calcutta.
7-9-36	N	Ram, DOULAT, Accountant, Military Secretary's Office. c/o Messrs. Biru Mal Chirranji Lal, Chhatla Magni Ram, Patiala.
2-1-39	R	Ramachandran, T. N., M.A., Offg. Superintendent, Archaeological Section, Indian Museum. 27, Chowringhee, Calcutta.
2-10-39	N	Rangarajam, KRISHNASWAMI, Employee, I.C.I. (India) Ltd., Madras. Rukmani Building, Mambalam West, Madras.
6-8-34	R	Rao, U. SHANKER, Bengal Pilot Service. 83. Chowringhee, Calcutta.
1-2-26	N	Rao, Y. RAMACHANDRA, RAO BAHADUR, M.A., F.E.S., Retired Government Entomologist, Madras. 199, Market Road, Visveswarapuram, Bangalore.
1-9-41	R	Ratcliff, GEORGE MASSEY, I.C.S. 5, Wellesley Place, Government House, Calcutta.
7-9-21	R	Ray, HEM CHANDRA, M.A., PH.D. (LONDON), D.LIT. (LONDON). 135B, Vivekananda Road, Calcutta.
5-1-21	N	Ray, JAGADISNATH, MAHARAJA, Maharaja of Dinajpore. Dinajpore.
5-3-90	R	*Ray, SIR PROFULLA CHANDRA, KT., C.I.E., D.SC., F.N.I., F.R.A.S.B. University College of Science, 92, Upper Circular Road, Calcutta.
7-7-41	N	Ray, SATIS CHANDRA, M.A., D.P.I. Shillong, Assam.

Date of Election.		
1-7-40	N	Ray, SUKUMAR, M.A., <i>Lecturer in History, Rajshahi College. P.O. Ghoramara, Rajshahi.</i>
4-12-39	R	Ray-Chowdhury, H. C., M.A., PH.D., <i>Carmichael Professor of Ancient Indian History and Culture, Calcutta University. 6, Mysore Road, Kalighat, Calcutta.</i>
3-2-41	N	Reddy, B. RANGA, <i>Joint Revenue Secretary, H.E.H. the Nizam's Government, Bholakpur, Secunderabad, Deccan.</i>
5-11-28	L	Reinhart, WERNER. c/o Messrs. Volkart Bros., Ltd., Rychenberg, Winterthur, Switzerland.
3-11-41	N	Reynolds, HERMAN M., M.A., B.D., <i>Missionary, Pendra Road, C.P.</i>
2-4-24	F	Richards, F. J., I.C.S. Treeps, Hurstpier Point, Sussex, England.
3-12-24	L	Roerich, GEORGE NICHOLAS, M.A., M.R.A.S., <i>Orientalist. 310, Riverside Drive, New York, U.S.A. ('Urusvati' Naggar, Kulu, Punjab).</i>
2-7-28	L	Roerich, NICHOLAS, <i>Professor. Honorary President, Master Institute of United Arts, New York, U.S.A., Artist-Painter. 310, Riverside Drive, New York, U.S.A.</i>
5-6-33	A	Rossetti, FELIX FRANCIS LEO, B.SC., B.H., <i>Secretary, Y.M.C.A. 42, Corporation Street, Calcutta.</i>
7-4-41	R	Roxburgh, THE HON'BLE MR. JUSTICE T. J. Y., C.I.E., I.C.S., <i>Additional Judge, High Court, Calcutta. 6, Lee Road, Calcutta.</i>
6-12-26	R	Roy, SIR A. K., KT., <i>Barrister-at-Law, Advocate-General, Bengal. 3, Upper Wood Street, P.O. Theatre Road, Calcutta.</i>
5-2-40	R	Roy, B. C., B.A., M.D., F.R.C.S. (ENG.), M.R.C.P. (LOND.), F.S.M.F. (BENGAL). 36, Wellington Street, Calcutta.
5-4-37	N	Roy, DAVID, M.B.E., <i>Assam Civil Service. Shillong, Assam.</i>
1-12-30	N	Roy, KUMAR KAMALARANJAN, B.A., <i>Zemindar. Kasim-bazar Post, Dt. Murshidabad.</i>
3-2-41	N	Roy, NIROD BHUSHAN, <i>Professor of History, A. M. College. Suburban Road, Mymensingh.</i>
8-8-24	N	Roy-Chowdhury, BRAJENDRA KISHORE, <i>Zemindar. (53, Sukea Street, Calcutta.) Gauripur, Mymensingh.</i>
7-5-28	R	*Saha, MEGHNAD, D.SC., F.R.S., F.N.I., F.R.A.S.B., <i>Palit Professor of Physics, Calcutta University. 92, Upper Circular Road, Calcutta.</i>
5-4-37	N	Sahni, M. R., M.A. (CANTAB.), D.SC. (LOND.), D.I.C., <i>Geologist, Geological Survey of India. 27, Chowringhee, Calcutta.</i>
5-2-34	L	Sale, HAROLD MONTAGUE, M.A., F.G.S., <i>Mancotter Cottage, Atherstone, Warwickshire, England.</i>
3-12-24	R	Sarkar, C. K., C.E., <i>Engineer and Architect. 10, Hastings Street, Calcutta.</i>
4-2-35	N	Sarkar, THE HON'BLE MR. NALINI RANJAN, <i>Member, Viceroy's Council. New Delhi.</i>
5-4-37	R	Sattar, THE HON'BLE MR. A. R. H. A., <i>Member, Council of State. 32, Ezra Street, Calcutta.</i>
3-6-40	A	Seal, JOHN ROBERT, M.B.E., c/o. Grand Hotel, Simla, H.O.
6-3-33	R	Seal, SATIS CHANDRA, M.A., B.L., <i>Honorary Secretary, Indian Research Institute. 170, Maniktola Street, Calcutta.</i>
1-4-25	R	Sen, BENOY CHANDRA, M.A., PH.D. P.341, Jatin Das Road, P.O. Rashbehari Avenue, Calcutta.
9-12-36	R	Sen, D. N. 7, Rawdon Street, Calcutta.

Date of Election		
1-6-36	N	Sen, J. M., M.ED. (LEEDS), B.SC. (CAL.), T.D. (LOND.), DIP.ED. (OXFORD), F.R.G.S., F.N.I. <i>Principal, Krishnagar College.</i> Krishnagar, Nadia.
5-12-23	L	Sen, LAKSHMAN, H.H. RAJA OF SUKET. Suket State, Punjab.
5-4-37	N	Sen, KSHITISH MOHAN. <i>Principal, Visvabharati, Santiniketan,</i> Dist. Birbhum.
5-2-40	N	Sen, S. C., B.SC. (CAL.), B.A. (CANTAB.), A.M.I.CHEM.E. (LONDON.), <i>Superintendent, Cinchona Cultivation in Bengal.</i> Mungpoo, Riyand, D.H.Ry.
1-4-29	R	Sen-Gupta, NARES CHANDRA, M.A., D.L., <i>Advocate, High Court.</i> 23A, Manoharpukur Road, Calcutta.
5-7-11	L	*Sewell, ROBERT BERESFORD SEYMOUR, C.I.E., M.A., SC.D. (CANTAB.), M.R.C.S., L.R.C.P., F.Z.S., F.L.S., F.R.S., F.N.I., F.R.A.S.B., LT.-COL., I.M.S., <i>Director, Zoological Survey of India (retd.).</i> 18, Barrow Road, Cambridge, England.
5-4-37	N	Sharaf-ud-Din, S., M.A., B.L., <i>Professor, Chittagong College.</i> Chittagong.
2-11-25	N	Sharif, MOHAMMAD, D.SC., F.R.M.S., F.L.S., <i>Lecturer in Zoology.</i> Muslim University, Aligarh.
6-5-29	N	Sharma, SRI RAM, M.A., M.R.A.S., M.A.O.S., <i>Professor of History.</i> D.A.V. College, Lahore.
3-2-41	L	Shastri, GANGEYANAROTTAM, Kavyatirtha, Kavicakradamani, Landholder. Gangeya Bhawan, 280, Chittaranjan Avenue, Calcutta.
5-8-35	N	Shattock, JOHN SWITHIN HARVEY, B.A. (OXON), M.B.E., I.C.S. <i>The Residency, Baroda.</i>
2-5-23	F	Shebbeare, E. O., <i>Chief Game Warden.</i> Post Box No. 376, Kuala Lumpur, F.M.S.
6-1-09	N	Shirreff, ALEXANDER GRIERSON, B.A., I.C.S., <i>Board of Revenue, Lucknow.</i>
4-1-26	N	Shortt, H. E., C.I.E., M.D., CH.B., D.SC., F.N.I., LT.-COL., I.M.S., <i>Inspector-General of Civil Hospitals.</i> Shillong, Assam.
6-2-28	L	Shumser, JUNG BAHADUR RANA, SIR KAISER, K.B.R., SURPRADIPTA MANYAVARA, LIEUT.-GENERAL, <i>Nepalese Army.</i> Kaiser Mahal, Kathmandu, Nepal.
4-11-29	R	Siddiqi, MOHAMMAD ZUBAYR, M.A., PH.D., <i>Sir Asutosh Professor of Islamic Culture, Calcutta University.</i> 6, Suhrawardy Avenue, Calcutta.
6-2-39	N	Simeons, ALBERT THEODORE WILLIAM, M.D. (HEIDELBERG), Physician, Khatau Mansion, Cooperage, Bombay.
5-3-13	L	*Simonsen, JOHN LIONEL, D.SC., F.I.C., F.R.S., F.R.A.S.B. <i>University College of North Wales, Bangor, North Wales.</i>
6-3-39	F	Sinclair, GREGG M., <i>Director, Oriental Institute, University of Hawaii.</i> Honolulu, Hawaii, U.S.A.
6-2-18	N	Singh, MANYABARA BADA KAJI MARICHI MAN, PANDITJI, C.I.E. 38, Khichapokhari, Kathmandu, Nepal.
5-3-34	L	Singh, HIS HIGHNESS THE HON'BLE MAHARAJADHIRAJA SIR KAMESWAR, K.C.I.E. Darbhanga.
2-1-33	N	Singh, RUDRA PERTAB, RAO BAHADUR, Proprietor, Sonbarsa Raj. Sonbarsa P.O., District Bhagalpore.
4-2-35	A	Singh, SARABJIT, M.A., B.L. P.O. Imphal, Manipur State.
5-9-12	R	Singhi, BAHADUR SINGH. (Azimganj, Murshidabad). 48, Gariahat Road, Calcutta.
7-8-33	N	Sinh, RAGHUBIR, RAJKUMAR, M.A., LL.B., <i>Heir-Apparent of Sitamau State.</i> Raghubir Niwas, Sitamau, C.I.

Date of Election.		
1-8-38	R	Sinha, B. N. 4, Hastings Park Street, Calcutta.
6-6-27	N	Sinha, SHEONANDAN PRASAD, M.D., <i>Assistant Surgeon.</i> Government Hospital, Jamshedpur.
4-1-26	N	Sinton, J. A., O.B.E., LT.-COL., I.M.S., V.C., <i>Officer-in-Charge, Malaria Bureau.</i> Central Research Institute, Kasauli.
5-7-16	L	Sircar, GANAPATI, VIDYARATNA. 69, Beliaghatta Main Road, Calcutta.
5-3-24	R	Sircar, SIR NIL RATAN, KT., M.A., M.D., <i>Physician.</i> 7, Short Street, Calcutta.
5-8-29	R	Summerfield, ALFRED, <i>Merchant.</i> c/o Mousell & Co., Mercantile Buildings, Lall Bazar, Calcutta.
3-9-34	R	Sondhi, VED PALL, M.B.E., M.SC., F.G.S., <i>Assistant Superintendent, Geological Survey of India.</i> 27, Chowringhee, Calcutta.
7-3-23	F	Stamp, L. DUDLEY, B.A., D.SC. University of London, London School of Economics, Houghton Street, London, W.C. 2.
28-9-04	L	*Stapleton, HENRY ERNEST, M.A., B.SC., D.LITT., F.R.A.S.B., <i>Late Director of Public Instruction, Bengal.</i> St. Brelade, Jersey, C.I., England.
4-8-41	N	Subramanyam, R. A., <i>General Manager, Bharat Sugar Works, Pachrukhi.</i>
2-6-20	A	Suhrawardy, SIR HASSAN, O.B.E., LT.-COL., KT., M.D., F.R.C.S.I., D.P.H., <i>Late Vice-Chancellor, Calcutta University.</i> 3, Suhrawardy Avenue, Park Circus, Calcutta.
3-3-20	N	Sundararaj, BUNGURU, DEWAN BAHADUR, M.A., F.N.I., PH.D., <i>Retd. Director of Fisheries, Madras.</i> 'The Anchorage', P.O. Adyar, Madras.
7-11-32	L	Suvarna, SHUMSER JUNG BAHADUR RANA, <i>Major-General in the Nepalese Army.</i> Singha-Darbar, Kathmandu, Nepal.
6-4-98	R	Tagore, SIR PRADYOT COOMAR, KT., MAHARAJA BAHADUR. 'Tagore Castle', 12, Prasanna Coomar Tagore Street, Calcutta.
7-11-27	R	Tarkatirtha, BIMALANANDA, <i>Kaviraj, Punditbhusan, Byakaranatirtha.</i> 90/3, Grey Street, Calcutta.
31-8-93	L	Tate, GEORGE PASSMAN. 56, Cantonment, Barsilly, U.P.
1-6-04	L	*Tipper, GEORGE HOWLETT, M.A., F.G.S., M.INST.M.M., F.R.A.S.B. 'The Laurels', Glebe Road, Cambridge, England.
6-6-38	N	Tressler, G. W., M.A., <i>Senior Professor of History and Political Science, Murray College.</i> Sialkot, Punjab.
3-2-41	R	Tribedi, B. P., M.B. (CAL.), D.B. (LOND.), <i>Professor of Pathology, Medical College, and Bacteriologist to the Government of Bengal, Medical College.</i> Calcutta.
5-7-26	N	Tyson, JOHN DAWSON, C.B.E., M.A. (OXON), I.C.S., J.P. <i>Secretary to the Government of India, Department of Education, Health and Lands.</i> New Delhi.
4-1-37	R	Vedantatirtha, NARENDRA CHANDRA, M.A., BAGCHI, BHATTACHARJA, SANKHYATIRTHA, MIMAMSATIRTHA, TATTVARATNA, SASTRI, <i>Author and Editor of Books.</i> 49, Cornwallis Street, Calcutta.
7-8-33	R	Vedantatirtha, VANAMALI, M.A., <i>Formerly Professor, Cotton College, Gauhati.</i> 8/4-E, Nepal Bhattacharya Lane, Kalighat, Calcutta.
7-4-41	N	Vicary, THOMAS C., M.A. (LOND.), A.K.C., <i>Missionary, Principal, Union Christian Training College.</i> Berhampore, Bengal.

Date of Election.		
6-3-01	L	*Vogel, JEAN PHILIPPE, LITT.D., F.R.A.S.B. Noordeind-splein 4a, Lieden, Holland.
27-9-94	L	Vost, WILLIAM, LT.-COL., I.M.S. 'Woodhurst', Manor Way, South Croydon, Surrey, England.
6-5-25	N	*Wadia, D. N., M.A., B.SC., F.R.G.S., F.N.I., F.R.A.S.B., <i>Government Mineralogist</i> . Torrington Square, Colombo, Ceylon.
5-3-28	N	Waight, HARRY GEORGE, M.A. (OXON), I.C.S., <i>District and Sessions Judge</i> . Mymensingh.
6-2-33	N	Wellsted, THOMAS ARTHUR, A.R.S.M., B.SC., ASSOC. INST. M.M., <i>Mining Engineer</i> . Mansar, P.O. Kandri, Ramtek, C.P.
6-2-33	R	West, WILLIAM DIXON, M.A. (CANTAB.), F.N.I., <i>Geologist, Geological Survey of India</i> . 27, Chowringhee, Calcutta.
1-11-26	R	Westcott, FOSS, MOST REVEREND, D.D. (CANTAB.), HONORARY D.D. (OXON), <i>Lord Bishop of Calcutta and Metropolitan of India, Burma and Ceylon</i> . Bishop's House, 51, Chowringhee, Calcutta.
19-9-06	L	*Whitehead, RICHARD BERTRAM, F.R.A.S.B., I.C.S. (RETD.). 30, Millington Road, Cambridge, England.
6-5-29	A	Williams, HENRY FRENCH FULFORD, M.A., CLARE COLLEGE (CAMB.), <i>Chaplain of Barrackpore</i> . Barrackpore.
7-9-36	R	Williams, N. T., Messrs. Orr Dignam & Co. 32, Dalhousie Sqr., Calcutta.
1-4-08	R	Wordsworth, WILLIAM CHRISTOPHER, C.I.E., M.A., I.E.S. (RETD.). c/o The <i>Statesman</i> , Chowringhee Square, Calcutta.
5-2-19	N	*Yazdani, GHULAM, O.B.E., M.A., F.R.A.S.B., <i>Director, Archaeological Department, H.E.H. the Nizam's Dominions</i> . Hyderabad, Deccan.
2-10-39	N	Zafar Hasan, MAULVI, KHAN BAHADUR, O.B.E. Curator, Central Museum, Lahore.

ORDINARY MEMBERS

(Chronological)

1884.				1907.			
Nov.	5.	Middlemiss, C. S.		July	3.	Brown, J. C.	
1888.				"	"	Christie, W. A. K.	
June	6.	Pennell, A. P.		1908.			
1890.				Jan.	1.	Brahmachari, Sir U. N.	
Mar.	5.	Ray, Sir Prafulla C.		April	1.	Wordsworth, W. C.	
<hr/>				1909.			
1892.				Jan.	6.	Shirreff, A. G.	25
Jan.	11.	MacLagan Sir Edward D.		April	7.	Bentley, C. A.	
1893.				July	7.	Bazaz, R. K.	
5 Aug.	31.	Tate, G. Passinan		Oct.	6.	Brown, P.	
1894.				"	"	Gangoli, O. C.	
Sept.	27.	Vost, W.		1910.			
1895.				May	4.	Dhavle, S. B.	30
Sept.	19.	De, K. C.		"	"	Kemp, S. W.	
1896.				Sept.	7.	Gravely, F. H.	
Jan.	8.	Burn, Sir Richard		<hr/>			
1898.				1911.			
Jan.	5.	Dods, W. K.		Feb.	1.	Insch, J.	
10 April	6.	Tagore, Sir Pradyot C.		"	"	Law, N. N.	
<hr/>				June	7.	Chatterjee, K. K.	35
1901.				July	5.	Sewell, R. B. S.	
Mar.	6.	Shirwani, H.		Nov.	1.	Ahmed, K.	
"	"	Vogel, J. P.		<hr/>			
June	5.	Mann, H. H.		1912.			
1902.				July	3.	Andrews, E. A.	
July	2.	Doxey, F.		Sept.	4.	Singhi, B. S.	
1904.				<hr/>			
15 June	1.	Tipper, G. H.		1913.			
Aug.	3.	Fermor, Sir L. L.		Mar.	5.	Simonsen, J. L.	40
"	"	Stapleton, H. E.		June	4.	Majumdar, R. C.	
1905.				Nov.	5.	Fox, C. S.	
Aug.	2.	McCay, D.		<hr/>			
1906.				1914.			
Jan.	3.	Chapman, J. A.		Mar.	4.	Bacot, J.	
20 Sept.	19.	Whitehead, R. B.		July	1.	Law, S. C.	
<hr/>				Aug.	5.	Law, B. C.	45
1915.				<hr/>			
April	7.	Ohtani, Count K.		1915.			
Aug.	4.	Gurner, C. W.		April	7.	Ohtani, Count K.	
Oct.	27.	Chatterjee, Sir A. C.		Aug.	4.	Gurner, C. W.	
<hr/>				Oct.	27.	Chatterjee, Sir A. C.	

1916.			
50	Feb.	2.	Majumdar, N. K.
	July	5.	Sarkar, G.
1917.			
	April	4.	Aiyangar, K. V. R.
	Aug.	1.	Bhandarkar, D. R.
1918.			
	Feb.	6.	Banerji, N. N.
	"	"	Manen, Johan van
55	"	"	Singh, B. M.
	April	3.	Prashad, B.
1919.			
	Feb.	5.	Yazdani, G.
	Mar.	5.	Gupta, S. P.
1920.			
60	Mar.	3.	Mahalanobis, P. C.
	"	"	Sundara Raj, B.
	June	2.	Suhrawardy, Sir H.
	Aug.	4.	Dikshit, K. N.
	Sept.	1.	Chakladar, H. C.
	"	"	Chanda, R. P.
65	"	"	Chatterjee, N. C.
	Dec.	"	Akbar Khan, Sir M.
1921.			
	Jan.	5.	Ray, J. N.
	Feb.	2.	Jain, Ohhote Lall
	"	"	Mukherjee, R. P.
70	"	"	Mookherjee, S. C.
	Mar.	2.	Agharkar, S. P.
	Sept.	7.	Ray, H. C.
	Nov.	2.	Hora, S. L.
1922.			
75	Feb.	1.	Chopra, R. N.
	April	5.	Abdul Ali, A. F. M.
1923.			
	Mar.	7.	Labey, G. T.
	"	"	Stamp, L. D.
	May	2.	Shebbeare, E. O.
	June	6.	Howard, Sir A.
80	"	"	Hutton, J. H.
	Aug.	1.	Biswas, K. P.
	Dec.	5.	Chopra, B. N.
	"	"	Barwell, N. F.
	"	"	Sen, H. H. Lakshman

1924.			
	Feb.	6.	Mahindra, K. C. 85
	Mar.	5.	Mitter, Sir B. L.
	"	"	Sircar, Sir N. R.
	April	2.	Bahl, K. N.
	"	"	Ghose, K.
	"	"	Richards, F. J. 90
	"	"	Haq, M. M.
	May	7.	Bhattacharya, B.
	July	2.	Mookerjee, S. P.
	Aug.	6.	Chatterji, S. K.
	"	"	Roy Chowdhury, B.K. 95
	"	"	Davies, L. M.
	Nov.	5.	Chattopadhyay, K. P.
	"	"	Mookerji, B. N.
	Dec.	3.	Newman, Chas. F.
	"	"	Pushong, E. S. 100
	"	"	Basu, J. N.
	"	"	Ghose, S. C.
	"	"	Roerich, G. N.
	"	"	Khan, R. R.
	"	"	Sarkar, C. K. 105
1925.			
	Feb.	4.	Guha, B. S.
	Mar.	4.	Benthall, Sir E. C.
	"	"	Das, A. N.
	April	1.	Perier, F.
	"	"	Hobbs, H. 110
	"	"	Sen, B. C.
	May	6.	Wadia, D. N.
	July	6.	Bose, M. M.
	Aug.	3.	Pruthi, H. S.
	Nov.	2.	Acharya, P. 115
	"	"	Chattopādhyāya, K. C.
	"	"	Kimura, R.
	"	"	Sharif, M.
1926.			
	Jan.	4.	Shortt, H. E.
	"	"	Sinton, J. A. 120
	"	"	Fleming, A.
	Feb.	1.	Rao, Y. R.
	"	"	Ghuznavi, Sir A. H.
	"	"	Harris, H. G.
	Mar.	1.	Datta, H. N. 125
	"	"	Basu, N. K.
	"	"	Kramrisch, Stella
	"	"	Bagnall, J. F.
	April	5.	Ghose, B. C.
	"	"	Mitter, K. N. 130
	June	6.	Lemmon, R. D.
	July	5.	Mukhopadhyaya, P. K.

	July	5.	Tyson, J. D.	
	Aug.	2.	Mukherjee, J. N.	
135	"	"	Khettry, B.	
	Nov.	1.	Jameson, T. B.	
	"	"	Modi, J. R. K.	
	"	"	Westcott, F.	
	"	"	Mills, J. P.	
140	"	"	Galstaun, S.	
	"	"	Bagchi, P. C.	
	Dec.	6.	Aiyangar, S. K.	
	"	"	Roy, A. K.	
<hr/>				
	1927.			
	Jan.	3.	Chakravarty, N.	
145	"	"	Bivar, H. G. S.	
	Feb.	7.	Chatterjee, A.	
	Mar.	7.	Hopkinson, A. J.	
	"	"	Ghosh, P. N.	
	"	"	Abdul Kadir, A. M. F.	
150	June	6.	Nandi, Maharaja S. C.	
	"	"	Jain, B.	
	"	"	Sinha, S. P.	
	July	4.	Chatterjee, P. P.	
	"	"	Chakravarti, C.	
155	Nov.	7.	Tarkatirtha, B.	
	"	"	Mukherji, D.	
	"	"	Brahmachary, S. C.	
	Dec.	5.	Namgyal, H.H. Sir Tashi	
	"	"	Dechhen, H.H. Kunzang	
160	"	"	Chowdhury, Sir C.	
<hr/>				
	1928.			
	Jan.	2.	Mello, F. de	
	Feb.	6.	Ezra, Sir D.	
	"	"	Mukerji, Sir M. N.	
	"	"	Shumsher, Sir Kaiser	
165	Mar.	5.	Waight, H. G.	
	"	"	Goopu, D. N.	
	"	"	Neogi, P.	
	"	"	Biswas, C. C.	
	April	2.	Mullick, K. C.	
170	"	"	Chowdhury, Rai J. N.	
	May	7.	Chatterji, K. N.	
	"	"	Chatterjea, Sir N. R.	
	"	"	Murray, E. F. O.	
	"	"	Ghosal, U. N.	
175	"	"	Saha, M. N.	
	June	4.	Bhadra, S. N.	
	"	"	Bhattasali, N. K.	
	July	2.	Roerich, N.	
	Aug.	6.	Ghuznavi, I. S. K.	
180	"	"	Heron, A. M.	

	Nov.	5.	Reinhart, W.	
	"	"	Galstaun, J. C.	
<hr/>				
	1929.			
	Jan.	7.	Ghose, M. C.	
	Feb.	4.	Narain, Hirdo	
	"	"	Jenkins, W. A.	185
	Mar.	4.	De, J. C.	
	"	"	Mullick, P. N.	
	April	1.	Sen-Gupta, N. C.	
	May	6.	Sharma, S. R.	
	"	"	Williams, H. F. F.	190
	Aug.	5.	Sommerfeld, A.	
	Nov.	4.	Cotter, G. de P.	
	"	"	Siddiqi, M. Z.	
	"	"	Mallya, B. G.	
	Dec.	2.	Fawcus, L. R.	195
<hr/>				
	1930.			
	Jan.	6.	Jain, N. K.	
	"	"	Haldar, S. K.	
	Feb.	3.	Mahtab, U. C.	
	"	"	Chakravarti, M. N.	
	Mar.	3.	Ashton, H. S.	200
	May	5.	Deo, Sir P. C. Bhanj	
	"	"	Cooper, G. A. P.	
	Nov.	3.	Austin, G. J.	
	"	"	Rahman, S. K.	
	"	"	Newman, C. D.	205
	Dec.	1.	Roy, K. K.	
<hr/>				
	1931.			
	Jan.	5.	Chatterji, D.	
	"	"	Evans, P.	
	Feb.	2.	Clough, J.	
	Mar.	2.	Bose, S. K.	210
	May	4.	Bottomley, J. M.	
	June	1.	Lort-Williams, J.	
<hr/>				
	1932.			
	Mar.	7.	Hughes, A.	
	"	"	Chakraborty, K. B.	
	"	"	Darhari, M. D.	215
	Nov.	"	Suvarna Shumser	
	"	"	Driver, D. C.	
	Dec.	5.	Dutt, N.	
	"	"	Boyle, C. A.	
<hr/>				
	1933.			
	Jan.	2.	George, J.	220
	"	"	Dutch, R. A.	
	"	"	Singh, R. P.	
	Feb.	6.	Wellsted, T. A.	
	"	"	Ghatak, J. C.	
	"	"	West, W. D.	225

	Mar.	6.	Seal, S. C.
	June	5.	Rossetti, F. F. L.
	Aug.	7.	Singh, Raghubir
	"	"	Vedantatirtha, V.
<hr/>			
1934.			
230	Jan.	1.	Ahmad, M. J.
	Feb.	5.	Haldar, B. V.
	"	"	Kirby, W.
	"	"	Law, B. C.
	"	"	Nariman, R. K.
235	"	"	Pasricha, C. L.
	"	"	Percival, F. G.
	"	"	Sale, H. M.
	Mar.	5.	Modi, J. J. J.
	"	"	Singh, H. H. Sir K.
240	May	7.	Bent, W. A.
	June	4.	Chatterji, B. R.
	Aug.	6.	Husain, S. A.
	"	"	Mullick, M. L.
	"	"	Rao, U. S.
245	Sept.	3.	Auden, J. B.
	"	"	Sondhi, V. P.
	Nov.	5.	Gee, E. R.
	Dec.	3.	Burt, B. C.
	"	"	Brahmachari, P. N.
250	"	"	Chatterjee, S. C.
<hr/>			
1935.			
	Feb.	4.	Singh, S.
	"	"	Sarkar, N. R.
	"	"	Law, P. C.
	"	"	Lal, R. B.
255	Aug.	5.	Shattock, J. S. H.
	Sept.	30.	Dutt, M. N.
	"	"	Mitter, S. K.
	Nov.	4.	Bor, N. L.
	"	"	Chaudhuri, S. N.
260	"	"	Anina Klebe.
	"	"	Hirtzel, M. A. F.
<hr/>			
1936.			
	Jan.	6.	Brocke, A. G.
	"	"	Berkely-Hill, O.
	Feb.	3.	Catto, Lord
265	"	"	Ahmad, A.
	Mar.	2.	Chatterji, Mrs. T.
	"	"	Chatterjee, M.
	June	1.	Sen, J. M.
	Sept.	7.	Williams, N. T.
270	"	"	Ghosh, J.
	"	"	Ram, D.
	"	"	Bagchi, K. N.
	Nov.	2.	Bothra, S.
	Dec.	9.	Sen, D. N.
275	"	"	Mittra, S. C.
	"	"	Gillespie, A. D.

Dec.	9.	Bose, A. N.
"	"	Basu, I. B.
"	"	Banerjee, S. M.

1937.

Jan.	4.	Vedantatirtha, N. C.	280
April	5.	Sharaf-ud-Din, S.	
"	"	Sattar, A. H.	
"	"	Sahni, M. R.	
"	"	Roy, D.	
"	"	Mooney, H. F.	285
"	"	Sen, K. M.	
July	5.	Mozumdar, S.	
"	"	Mukherjee, P.	
Sept.	6.	Halim, A.	
"	"	Durniz-Podewils, Count	290
"	"	Bhattacharya, N. C.	

1938.

Feb.	7.	Chakravarti, P. K.	
April	4.	Chaudhuri, Mrs. R.	
"	"	Anderson, J.	
May	2.	Faroqui, K. G. M.	295
"	"	Mahtab, Maharaj Kumar A. C.	
"	"	Jacob, J. R.	
June	6.	Tressler, G. W.	
"	"	Dudhoria, N. K. S.	
July	4.	Carstairs, A. M.	300
Aug.	1.	Sinha, B.	
"	"	Banerjee, J. N.	
Nov.	1.	Jatia, K. L.	
"	"	Eekhout, Jhr., P. J.	
Dec.	5.	Das Gupta, C. C.	305

1939.

Jan.	2.	Bose, S. M.	
"	"	Ramachandran, T. N.	
Feb.	6.	Basu, J. N.	
"	"	Simeons, A. T. W.	
"	"	Chakravarti, R. M.	310
Mar	6.	Culshaw, W. J.	
"	"	Sinclair, G. M.	
"	"	Mukerjee, S. C.	
"	"	Meyer, Miss S.	
May	1.	Parker, E.	315
"	"	Ayrton, S. M.	
June	5.	Ali, S. S.	
"	"	Nag, K.	
July	3.	Majumdar, J. M.	
Aug.	7.	Bose, G.	320
"	"	Holland, B. A.	
Sept.	4.	Ghosh, J. C.	

	Oct.	2.	Hasan, Z.	July	1.	Dutt, S. C.	
	"	"	Basu Mazoomder, W.	"	"	Chatterjee, A. B.	
325	"	"	Rangarajam, K.	"	"	Ghosh, R.	
	"	"	Bastin, R. W.	"	"	Ray, S.	355
	Dec.	4.	Ray Chowdhury, H. C.	Sept.	2.	Ghosh, P. K.	
	"	"	Cameron, A.	"	"	Chatterji, B. C.	
	"	"	Mukerjee, J. C.	Dec.	2.	Edgley, N. G. A.	
330	"	"	Bose, D. M.	"	"	Isch-Wall, C.	
				"	"	Jalan, M.	360
				"	"	Hodgson, L. L.	
1940.				1941.			
	Feb.	2.	Sen, S. C.	Feb.	3.	Ray, N. B.	
	"	"	Roy, B. C.	"	"	Reddy, B. R.	
	"	"	Pask, J. D.	"	"	Shastri, G.	
	"	"	Law, A. C.	"	"	Tribedi, B. P.	365
335	"	"	Huda, S. S.	Mar.	3.	Mitra, Miss P.	
	"	"	Ghatak, I. B.	April	7.	Baker, E. B. H.	
	"	"	Basu, M. M.	"	"	Jamal-ud-Din.	
	Mar.	4.	Mazumdar, D. L.	"	"	Malik, A. R.	
	"	"	Harshe, R. G.	"	"	Roxburgh, T. J. Y.	370
340	"	"	Haryana, R. A.	"	"	Vicary, T. C.	
	"	"	Crawford, C. E. J.	May	5.	Kirby, E. S.	
	"	"	Bruce, A. E. R.	June	2.	Paterson, E. A.	
	"	"	Bell, F. O.	July	7.	Ray, S. C.	
	"	"	Foster, A. R.	Aug.	4.	Subramanyam, R. A.	375
345	May	6.	Griffiths, W. G.	Sept.	1.	Banerji, S. C.	
	"	"	Bharucha, F. E.	"	"	Ratcliff, G. M.	
	"	"	Asadullah, K. M.	"	"	Reynolds, H. M.	
	June	3.	Seal, J. R.	Nov.	3.	Ewart, D. J.	
	"	"	Poleman, H. I.	Dec.	1.	Grant, J. B.	380
350	"	"	De, J. C.	"	"	Ingalls, D. H. H.	
	July	1.	Jagannath.				

LIFE MEMBERS

(Chronological)

	5-11-84	C. S. Middlemiss (30 N.).		3-4-18	B. Prashad (29 R.).
	6-6-88	A. P. Pennell (88 F.).		2-11-21	S. L. Hora (30 N.).
	11-1-93	Sir Edward D. Maclagan (94 R.).		6-6-23	Sir A. Howard (30 N.).
	31-7-93	G. P. Tate (23 N.).		1-8-23	Kalipada Biswas (36 R.).
5	27-9-94	W. Vost (94 F.).		5-12-23	B. N. Chopra (40 N.). 35
	19-9-95	K. C. De (26 R.).		5-12-23	H. H. Lakshman Sen (24 N.).
	6-2-01	J. Ph. Vogel (25 F.).		7-5-24	B. Bhattacharya (24 N.).
	2-7-03	F. Doxey (28 R.).		6-8-24	L. M. Davies (24 N.).
	1-6-04	G. H. Tipper (27 N.).		3-12-24	G. Roerich (28 F.).
10	3-8-04	Sir Lewis L. Fermor (36 N.).		4-2-25	B. S. Guha (40 N.). 40
	28-9-04	H. E. Stapleton (26 R.).		6-6-27	B. D. Jain (28 R.).
	2-8-05	D. McCay (29 F.).		4-7-27	C. Chakravarti (41 N.).
	3-1-06	J. A. Chapman (28 N.).		5-12-27	Sir Chhajuram Chow- dhury (27 R.).
	19-7-06	R. B. Whitehead (26 N.).		5-12-27	H. H. Sir Tashi Namgyal (27 N.).
15	3-7-07	J. Coggin Brown (28 N.).		5-12-27	H. H. Kunzang Dechhen (27 N.). 45
	3-7-07	W. A. K. Christie (29 N.).		6-2-28	Sir D. Ezra (28 R.).
	1-1-08	Sir U. N. Brahma- chari (27 R.).		6-2-28	Sir Kaiser Shumsher Jung Bahadur Rana (28 N.).
	7-4-09	C. A. Bentley (30 N.).		2-7-28	N. Roerich (28 F.).
	4-5-10	S. B. Dhavle (10 N.).		5-11-28	W. Reinhart (28 F.).
20	4-5-10	S. W. Kemp (29 F.).		4-11-29	G. de P. Cotter (32 N.). 50
	1-2-11	James Insch (28 R.).		3-3-30	H. S. Ashton (30 N.).
	5-7-11	R. B. S. Sewell (28 N.).		5-1-31	P. Evans (31 N.).
	1-11-11	Kamaluddin Ahmad (24 N.).		1-6-31	Sir John Lort-Williams (40 N.).
	5-3-13	J. L. Simonsen (19 N.).		7-11-32	Suvarna Shumser Jung Bahadur Rana (32 N.).
25	5-11-13	C. S. Fox (40 N.).		6-2-33	J. C. Ghatak (33 R.). 55
	4-3-14	J. Bacot (14 F.).		5-2-34	H. M. Sale (34 N.).
	5-8-14	B. C. Law (33 R.).		5-3-34	H. H. Sir K. Singh (34 N.).
	7-4-15	Count K. Ohtani (39 F.).		3-2-41	G. Shastri (41 R.).
	5-7-16	G. Sircar (29 N.).			
30	6-2-18	Johan van Manen (25 R.).			

SPECIAL ANNIVERSARY HONORARY MEMBERS

Date of Election.	(Science.)
15-1-34	PROF. ALBERT EINSTEIN, c/o Princeton University, New Jersey, U.S.A.
15-1-34	M. A. LACROIX, Secrétaire Perpetuel, Académie des Sciences, Paris.
15-1-34	SIR SYDNEY BURRARD, K.C.S.I., F.R.S., Foxhill, Salisbury Road, Farnborough, Hants, England.
15-1-34	DR. SIR SVEN HEDIN, Stockholm, Sweden.

(Letters.)

15-1-34	SIR JOHN MARSHALL, KT., c/o Messrs. Grindlay & Co., Ltd., 54, Parliament Street, London.
15-1-34	PROF. TAHA HOSAIN, Cairo.
15-1-34	PROF. ARTHUR CHRISTENSEN, 62, Raadhustvej, Charlottenlund, Denmark.
15-1-34	DR. J. VAN KAN, President, Royal Society of Arts and Letters, Batavia, Java.
15-1-34	H.R.H. PRINCE DAMRONG RAJANUBHAB OF SIAM, Siam.

ASSOCIATE MEMBERS

Date of Election.	
1-2-22	*PIERRE JOHANNES, REV., S.J., B.LITT. (OXON), <i>Professor of Philosophy</i> . St. Xavier's College, 30, Park Street, Calcutta.
1-2-22	*ANANTAKRISHNA SASTRI, MAHAMAHOPADHYAYA, VEDANTA-VISARADA, <i>Lecturer in Sanskrit</i> , Calcutta University. 32, College Square, Calcutta.
2-12-29	† SARAT CHANDRA ROY, RAI BAHADUR, M.A., B.L., <i>Editor</i> , 'Man in India'. Church Road, Ranchi.
6-3-39	REV. WILLIAM PETTIGREW, 54, Grinsdyke Road, Hatch End, Middlesex, England.
4-12-39	MISS MAUDE LINA WEST CLEGHORN, F.L.S., F.E.S. The Retreat, Behala, 24-Pergs.
4-3-40	MRS. E. W. E. MACFARLENE, D.SC., c/o Burma Shell, Budge Budge.

* Re-elected for a further period of five years on 5-4-1937 under Rule 2c.

† Re-elected for a further period of five years on 6-3-1939 under Rule 2c.

INSTITUTIONAL MEMBERS

Date of Election.		
28-10-29	Legatum Warnerianum (Oriental Department), University of Leyden, Leyden, Holland.	
2-12-29	Adyar Library, Adyar, Madras S.	
4-5-31	Benares Hindu University Library, Benares.	
1-6-31	Ohtani University Library, Kyoto, Japan.	
7-12-31	Annamalai University Library, Annamalai Nagar, Chidambaram, S. India.	5
30-10-33	Allahabad University Library, Allahabad.	
30-4-34	Bombay University Library, Bombay.	
6-1-36	Islamia College, Peshawar.	
4-5-36	Patna College, Patna.	
7-12-36	Forest Research Institute, Dehra Dun.	10
4-1-37	Dacca University, Dacca.	
7-6-37	Agra University, Agra.	

ORDINARY FELLOWS

Date of Election.		
2-2-10	Sir Prafulla Chandra Ray, KT., C.I.E., M.A., D.SC., F.N.I.	
7-2-12	C. S. Middlemiss, C.I.E., B.A., F.G.S., F.R.S.	
5-2-13	J. Ph. Vogel, PH.D., LITT.D.	
5-2-13	S. W. Kemp, B.A., D.SC., F.R.S.	
3-2-15	G. H. Tipper, M.A., F.G.S., M.INST.M.M.	5
2-2-16	Sir Richard Burn, KT., C.S.I., I.C.S. (<i>retired</i>).	
2-2-16	Sir L. L. Fermor, KT., O.B.E., A.R.S.M., D.SC., F.G.S., M.INST.M.M., F.R.S., F.N.I.	
7-2-17	F. H. Gravely, D.SC., F.N.I.	
6-2-18	J. L. Simonsen, D.SC., F.I.C., F.R.S.	
6-2-18	D. McCay, M.D., M.R.C.P., I.M.S.	10
5-2-19	J. Coggin Brown, O.B.E., M.I.M.E., F.G.S.	
5-2-19	W. A. K. Christie, B.SC., PH.D., M.INST.M.M.	
5-2-19	D. R. Bhandarkar, M.A., PH.D.	
5-2-19	R. B. Seymour Sewell, C.I.E., M.A., SC.D., M.R.C.S., L.R.C.P., F.L.S., F.Z.S., F.R.S., F.N.I., I.M.S.	
2-2-21	Sir U. N. Brahmachari, KT., M.A., PH.D., M.D., F.S.M.F., F.N.I.	15
1-2-22	Ramaprasad Chanda, B.A.	
7-2-27	Johan van Manen, C.I.E.	
6-2-28	H. E. Stapleton, M.A., D.LITT., B.SC., I.E.S. (<i>retired</i>).	
6-2-28	B. Prashad, D.SC., F.Z.S., F.R.S.E., F.N.I.	
6-2-28	C. A. Bentley, C.I.E., M.B., D.P.H., D.T.M. & H.	20
4-2-29	Sir Albert Howard, KT., C.I.E., M.A.	
4-2-29	J. H. Hutton, C.I.E., M.A., D.SC., I.C.S.	
4-2-29	Sir Edward D. MacLagan, K.C.S.I., K.C.I.E.	
3-2-30	G. de P. Cotter, B.A., SC.D., M.INST.M.M., F.G.S.	
3-2-30	S. L. Hora, D.SC., F.Z.S., F.R.S.E., F.N.I.	25
3-2-30	J. P. Mills, I.C.S., M.A., J.F., F.N.I.	
3-2-30	Meghnad Saha, D.SC., F.R.S., F.N.I.	
2-2-31	S. Krishnaswami Aiyangar, M.A., PH.D., F.B.HIST.S.	
2-2-31	Sir R. N. Chopra, K.T., C.I.E., M.A., M.D., SC.D., F.N.I., I.M.S.	

	Date of Election.	
30	2-2-31	R. B. Whitehead, I.C.S. (<i>retired</i>).
	1-2-32	J. Bacot.
	6-2-33	Percy Brown, M.B.E., A.R.C.A.
	6-2-33	Ordhendra Coomar Gangoly, R.A.
35	6-2-33	Ghulam Yazdani, M.A.
	5-2-34	D. N. Wadia, M.A., B.SC., F.R.G.S., F.N.I.
	3-2-36	Suniti Kumar Chatterji, M.A., D.LITT.
	3-2-36	A. M. Heron, D.SC., F.G.S., F.R.G.S., F.R.S.E., F.N.I.
	3-2-36	Habib-ur-Rahman Shirwani.
40	15-2-37	K. N. Bahl, D.SC., D.PHIL., F.N.I.
	15-2-37	K. N. Dikshit, M.A.
	15-2-37	N. N. Law, M.A., B.L., PH.D.
	15-2-37	J. N. Mukherjee, D.SC., F.G.S., F.N.I.
	6-2-39	C. S. Fox, D.SC. M.I.M.E., F.G.S., F.N.I.
45	6-2-39	B. S. Guha, M.A., PH.D., F.N.I.
	5-2-40	U. N. Ghoshal, M.A., PH.D.
	5-2-40	B. C. Law, M.A., B.L., PH.D., F.R.HIST.S.
	5-2-40	R. C. Majumdar, M.A., PH.D.
	5-2-40	H. S. Pruthi, M.SC., PH.D., F.N.I.

HONORARY FELLOWS

	Date of Election.	
5	4-2-20	SIR AUREL STEIN, K.C.I.E., PH.D., D.LITT., D.SC., D.O.L., F.R.A. c/o Indian Institute, Oxford, England.
	4-2-20	A. FOUCHER, D.LITT. Boulevard Raspail 286, Paris, XVI ^e .
	4-2-20	SIR ARTHUR KEITH, M.D., F.R.C.S., LL.D., F.R.S.A. Royal College of Surgeons of England. Lincoln's Inn Fields, London, W.C.2.
	4-2-20	R. D. OLDHAM, F.R.S., F.G.S., F.R.G.S. 1, Broomfield Road, Kew, Surrey, England.
	4-2-20	SIR DAVID PRAIN, KT., C.M.G., C.I.E., M.A., M.B., LL.D., F.R.S.E., F.R.S., F.L.S., F.Z.S., M.R.I.A., LT.-COL., I.M.S., <i>Late Superintendent, Royal Botanic Garden, Calcutta, and Director, Botanical Survey of India, and late Director, Royal Botanic Gardens, Kew.</i> Royal Botanic Gardens, Kew, Surrey, England.
10	4-2-20	SIR JOSEPH LARMOR, KT., M.A., D.SC., LL.D., D.C.L., F.R.S., F.R.A.S., St. John's College, Cambridge, England.
	4-2-20	J. TAKARUSU. Imperial University of Tokyo, Tokyo, Japan.
	2-3-21	F. W. THOMAS, C.I.E., M.A., PH.D., <i>Boden Professor of Sanskrit, University of Oxford.</i> 161, Woodstock Road, Oxford, England.
	7-6-22	SIR THOMAS HOLLAND, K.C.S.I., K.C.I.E., D.SC., F.R.S. <i>Principal, University of Edinburgh, Blackford Brae, Edinburgh.</i>
	7-6-22	SIR LEONARD ROGERS, KT., C.I.E., M.D., B.S., F.R.C.P., F.R.S., I.M.S. 24, Cavendish Square, London, 4.
15	7-1-25	STEN KONOW. Ethnographisk Museum, Oslo, Norway.
	7-3-27	RT. HON'BLE THE EARL OF LYTTON, P.C., G.C.S.I., G.C.I.E. Knebworth, Herts, England.
	5-5-30	R. ROBINSON, D.SC., F.R.S. Dyson Perrins Laboratory, South Parks Road, Oxford, England.
	7-2-38	RT. HON'BLE SIR JOHN ANDERSON, P.C., G.C.B., G.C.I.E., <i>Lord Privy Seal.</i> 11, Cheapstow Vilas, London, S.W.
	4-9-39	SIR S. RADHAKRISHNAN, KT., M.A., D.LITT., <i>Vice-Chancellor, Benares Hindu University.</i> Benares.

Date of Election.	
4-9-39	PROF. DR. HEINRICH LUEDERS, Germany.
4-9-39	THE MOST HON'BLE THE MARQUESS OF ZETLAND, P.C., G.C.S.I., G.C.I.E. Aske, Richmond, Yorkshire, England.
4-9-39	SIR JADUNATH SARKAR, K.T., C.I.E., M.L.C., M.A., D.LITT. 169, Southern Avenue, Kalighat, Calcutta.

CHANGES IN MEMBERSHIP

LOSS OF MEMBERS DURING 1941.

BY RETIREMENT.

Ordinary Members.

1. Sir George Campbell. (1929.)
2. Sir S. Radhakrishnan. (1939.)
3. E. M. Groth. (1935.)
4. S. K. Chakravarti. (1933.)
5. J. C. Bhose. (1931.)

Associate Member.

1. L. S. Dugin. (1934.)

BY DEATH.

Ordinary Members.

1. G. S. Dutt. (1933.)
2. Tarapada Ghose. (1912.)
3. Maharajadhiraj Sir B. C. Mahtab. (1911.)
4. M. E. Sufi. (1937.)
5. M. Hidayat Hosain. (1911.)
6. S. K. Mukherjee. (1927.)

Honorary Fellows.

1. Charles Rockwell Lanman. (1896.)
2. Sir George A. Grierson. (1904.)
3. Sir James Frazer. (1920.)

UNDER RULE 38.

1. M. L. Bhatia. (1926.)
2. P. L. Jaitly. (1928.)
3. H. C. Mandhata. (1936.)
4. Abinash Ch. Ray. (1924.)
5. Rai Mahasai K. Deb. (1925.)
6. Mukul Dey. (1934.)

UNDER RULE 40.

1. P. N. Banerjee. (1924.)
2. H. Crookshank. (1925.)
3. A. H. Harley. (1912.)
4. L. E. Harris. (1928.)
5. Major M. F. C. Martin. (1930.)
6. H. Richter. (1934.)
7. Jaipal Singh. (1929.)
8. G. Tucci. (1928.)
9. T. Williams. (1928.)
10. Rai Bahadur S. K. Bhuyan. (1934.)
11. C. C. Calder. (1913.)

MEDALLISTS

ELLIOTT GOLD MEDAL AND CASH

RECIPIENTS.

- 1893 Chandra Kanta Basu.
 1895 Yati Bhusana Bhaduri.
 1896 Jnan Saran Chakravarti.
 1897 Sarasi Lal Sarkar.
 1901 Sarasi Lal Sarkar.
 1904 { Sarasi Lal Sarkar.
 Surendra Nath Maitra.
 1907 Akshoy Kumar Mazumdar
 1911 { Jitendra Nath Rakshit.
 Jatindra Mohan Datta.
 Rasik Lal Datta.
 1913 { Saradakanta Ganguly.
 Nagendra Chandra Nag.
 Nilratan Dhar.
 1918 Bibhutibhushan Dutta.
 1919 Jnanendra Chandra Ghosh.
 1922 Abani Bhusan Datta.
 1923 Bhailal M. Amin.
 1926 Bidhu Bhusan Ray.
 1927 Kalipada Biswas.
 1931 T. C. N. Singh.
 1932 P. N. Das-Gupta.
 1933 Nirmal Kumar Sen.
 1934 D. P. Roy Chowdhury.
 1935 Kalipada Biswas.
 1937 Pulin Behari Sarkar.
 1939 P. K. Chatterjee.

BARCLAY MEMORIAL MEDAL

RECIPIENTS.

- 1901 E. Ernest Green.
 1903 Sir Ronald Ross, KT., K.C.B., C.I.E., K.C.M.G., M.R.O.S., F.R.C.S.,
 D.P.H., LL.D., D.SC., M.D., F.R.S.
 1905 D. D. Cunningham, C.I.E., F.R.S.
 1907 A. W. Alcock, C.I.E., M.B., LL.D., F.R.S.
 1909 Sir David Prain, KT., C.I.E., C.M.G., M.A., M.B., LL.D., F.R.S.E.,
 F.L.S., F.Z.S., M.R.I.A., F.R.S.
 1911 Carl Diener.
 1913 William Glen Liston, C.I.E., M.D., D.P.H.
 1915 J. S. Gamble, C.I.E., M.A., F.R.S.
 1917 H. H. Godwin-Austen, F.R.S., F.Z.S., F.R.G.S.
 1919 N. Annandale, C.I.E., D.SC., C.M.Z.S., F.L.S., F.R.S., F.A.S.B.
 1921 Sir Leonard Rogers, KT., C.I.E., M.D., B.S., F.R.C.P., F.R.C.S.,
 F.R.S.
 1923 Sir Samuel Christophers, KT., C.I.E., O.B.E., F.R.S., F.A.S.B., M.B.,
 LT.-COL., I.M.S.

- 1925 J. Stephenson, C.I.E., B.SC., M.B., CH.B., F.R.S., F.R.C.S., F.R.S.E.,
LT.-COL., I.M.S.
1927 S. W. Kemp, B.A., D.SC., F.R.S., F.A.S.B.
1929 Sir Albert Howard, KT., C.I.E., M.A., F.A.S.B.
1931 R. B. Seymour Sewell, C.I.E., M.A., SC.D. (CANTAB.), M.R.C.S.,
L.R.C.P., F.Z.S., F.L.S., F.R.A.S.B., F.R.S., LT.-COL., I.M.S.
1933 R. Row, O.B.E., D.SC.
1935 B. Sahni, M.A., SC.D. (CANTAB.), D.SC., F.G.S., F.R.S., F.R.A.S.B.
1937 R. N. Chopra, C.I.E., M.A., M.D. (CANTAB.), F.R.A.S.B., BT.-COL.,
I.M.S.
1939 Major-General R. McCarrison, KT., C.I.E., M.D., D.SC., F.R.C.P.,
LL.D., K.H.P., I.M.S. (RETD.).

SIR WILLIAM JONES MEMORIAL MEDAL

RECIPIENTS.

- 1927 Sir Malcolm Watson, KT., LL.D. (HON.), M.D., C.M., D.P.H.
1928 Sir George A. Grierson, K.C.I.E., O.M., PH.D., D.LITT., LL.D., F.B.A.
(HON.), F.R.A.S.B., I.C.S. (*retired*).
1930 Dr. Felix H. D'Herelle.
1932 Dr. C. Snouck Hurgronje.
1934 Rai Sir Upendra Nath Brahmachari, Bahadur, KT., M.A., M.D.,
PH.D., F.S.M.F., F.R.A.S.B.
1937 Prof. Dr. A. J. Wensinck.
1940 Sir Prafulla Chandra Ray, KT., C.I.E., D.SC., F.R.A.S.B., F.N.I.

ANNANDALE MEMORIAL MEDAL

RECIPIENTS.

- 1927 Fritz Sarasin.
1930 Dr. Charles Gabriel Seligman, M.D., F.R.C.P., F.R.S.
1933 Dr. Eugène Dubois.
1936 Dr. John Henry Hutton, C.I.E., I.C.S. (*retired*), M.A., D.SC., F.R.A.S.B.
1939 Prof. Frank Weidenreich.

JOY GOBIND LAW MEMORIAL MEDAL

RECIPIENTS.

- 1929 Max Weber.
1932 Dr. Ernst J. O. Hartert, PH.D.
1935 Prof. Leo Semenowitch Berg.
1938 Dr. Baini Prashad, D.SC., F.Z.S., F.R.S.E., F.R.A.S.B.

PAUL JOHANNES BRÜHL MEMORIAL MEDAL

RECIPIENTS.

- 1931 Rev. Ethelbert Blatter, S.J.
1934 Isaac Henry Burkill, M.A.
1938 Sir David Prain, KT., F.R.S.

INDIAN SCIENCE CONGRESS MEDAL, CALCUTTA

RECIPIENTS.

- 1935 Meghnad Saha, D.SC., F.R.S., F.R.A.S.B.
1938 Sir James H. Jeans, D.SC., SC.D., LL.D., F.I.C., F.R.S.

PROCEEDINGS OF THE ORDINARY MONTHLY MEETINGS, 1941

JANUARY

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 6th January, 1941, at 5-30 P.M.

PRESENT

PERCY BROWN, ESQ., A.R.C.A., M.B.E., F.R.A.S.B.,
Member of Council, in the Chair.

Members :

Anderson, Mr. J.
Biswas, Dr. Kalipada
Bruce, Lt. A. E. R.
Chakravarti, Prof. C.
Chatterjee, Mr. B. C.
Chatterji, Dr. S. K.

De, Mr. J. C.
Ghoshal, Dr. U. N.
Guha, Dr. B. S.
Gurner, Mr. C. W.
Haq, Prof. M. M.
Isch-Wall, Lt. C.
Majumdar, Mr. J.

Visitors :

Hosain, Syed Mohd.

Mukherjee, Mr. S. K.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following five presentations of books, etc. which had been kept on the table for inspection :—

- (1-2) From the Japanese Consulate-General—Hirshige, 2 vols.’.
- (3-4) From the Govt. of Bengal—‘Press List of Ancient Documents, Vol. 13, pt. 2 and Catalogue of Indian Insects’.
- (5) From the Government of India—Index, Land Revenue Records’.

The General Secretary reported that no application for Ordinary Membership had been received since the previous meeting.

The General Secretary announced the following loss of membership since the previous meeting by death:—

1. J. W. L. Grieve (Life member, 1900).
2. Dr. C. G. Seligman (Recipient of the Annandale Memorial Medal, 1930).

The Chairman called upon Dr. B. S. Guha to read an obituary notice of the late Sir J. J. Thomson, prepared by Dr. M. N. Saha (see page 195).

The General Secretary reported that there had been no loss of membership since the previous meeting by resignation.

The General Secretary announced the following lapses of election, since the previous meeting, under Rule 7:—

1. Rai Bahadur Diwan Khilanda Ram.
2. Dr. Ajit Mohan Bose.
3. Prof. Ganda Singh.
4. O. P. Bhatnagar.
5. K. B. Srinivasan.
6. K. R. Venkataraman.
7. Bisveswar Chakravarti.
8. Mohd. Gholam Akbar.
9. Mohd. Osman.
10. Sukumar Ray.
11. Dr. Mahdi Husain.
12. K. C. Chatterji-Shastri.
13. Nityananda Kanungo.

The General Secretary reported that there had been no withdrawals of application since the previous meeting.

In accordance with Rule 38, the General Secretary announced that the names of the following six members whose names had, since the last Ordinary Meeting, been suspended as defaulters within the Society's building, had now been removed as defaulters from the Society's registers for non-payment of dues:—

1. M. L. Bhatia.
2. P. L. Jaitly.
3. H. C. Mandhata.
4. Abinash Ch. Ray.
5. Raja Kshitindra Dev.
6. Mukul Dey.

The Chairman called upon the following to read their papers:—

1. UMES CHANDRA CHAUDHURY.—*Some Observations on Two Copper-plate Grants from Bhatara, Sylhet District, Assam.*

The boundaries of the district of Sylhet. The claim of the copper-plates being the oldest historical records of the district. The copper plates begin by giving eulogistic description of a royal family. They record gifts of land to the extent of about 1,500 acres, of houses, kitchens, slaves, etc., to the deities Vateswara Siva and Kamala Kanto Madhukaitabhari Narayana. Plots of land in the gift are spread over the different parts of the district over 51 villages and these are in the sub-divisions of Habiganj, South Sylhet, North Sylhet and Karimganj and some even in the plains of the district of Cachar.

2. CHINTAHARAN CHAKRAVARTI.—*Panegyric of Malaivamma.*

Unique character of the panegyric consisting of eighty-four verses, which form a part of a Tantric work, commentary on the Yantra section of the Sivatandavatantra by Premanidhi Pantha. The description of each Yantra in the commentary is followed by a reference to the author's patron, Malaivamma (18th century) or one of his ancestors, children or relatives represented as having obtained success through the worship of the Yantra under description. The panegyric gives a detailed genealogical account of Malaivamma, a ruler of territories included in the Chaubisi states of the Sapta Gandaki Pradesh of the modern kingdom of Nepal, going as far back as his eleventh ancestor and as far down as his grandsons. The paper concludes with an account of the author and the many works composed by him.

The Chairman called upon the following to show and comment upon his exhibit:—

1. S. K. CHATTERJI.—*A Bengali Reader published in Petrograd in 1922.*

This is a Reader in modern Bengali published from Petrograd in 1922 by Prof. Michael Tubianski, Lecturer in Bengali in the Oriental Academy of Petrograd. There is an introduction in Russian and some transcriptions in the Roman script and the comparison between Bengali and Sanskrit in parallel columns giving a selection from the Hitopadesa in Bengali and some pieces from Bengali literature including modern writers. The whole thing has been reproduced in lithograph, evidently in compiler's handwriting. This interesting document of the language and literature of Bengal in Soviet Russia is noteworthy.

The Chairman called upon the following to read their communications:—

1. CHINTAHARAN CHAKRAVARTI.—*Sanskrit Manuscripts in the Royal Asiatic Society of Bengal.*

The Royal Asiatic Society of Bengal is the custodian of one of the biggest collections of Sanskrit Manuscripts. History of the different collections—Society's own collections, Government collections, Indian Museum collections. Catalogues and notices of the Manuscripts. Manuscripts of a general interest: old Manuscripts of the 7th–12th centuries; illustrated Manuscripts of artistic interest, Manuscripts of works on the game of chess, on warfare, on the Persian language, on stealing, on pornography, on veterinary science and on hawking. Sanskrit texts published from rare or unique manuscripts belonging to the Society. Works published with the help of manuscripts in the possession of the Society.

2. K. BISWAS.—*Introduction and Acclimatisation and Prospects of Cultivation on a Commercial Scale of the Tung Oil yielding Trees in India.*

Tung oil yielding trees belong to the genus *Aleurites* of the family of Euphorbiaceæ. There are 5 species known to science. Of these—3 species were introduced to the Botanic Garden about $\frac{1}{2}$ a century ago. Prolonged experiments and acclimatisation of these species in India indicate that *Aleurites Fordii* and *Aleurites Montana* can be grown in the plains, and also two other species, *A. moluccana* and *trisperma*, are found to grow up to a full-size tree.

About half a ton of seeds was received in 1931 from the Royal Botanic Garden, Kew. These were distributed to the different provinces of India for experimental cultivation in order to ascertain which part of the country proves more favourable for their cultivation. Most of the recipients were different Tea Estates in Assam. Records of successful cultivation are available from the Indian Lac Research Institute, Ranchi, and Sahya Division, Ranchi. The Bhooteachang Tea Company Ltd. have also been very successful in the cultivation of both *A. Fordii* and *A. Montana*. The Mysore State in South India also cultivated the Tung oil yielding tree with success.

The analysis of the oil establishes that the standard of Indian oil extracted from the seeds of *A. Fordii*, *A. Montana* and *A. Moluccana* are fairly of a high standard—almost as high as that of Chinese oil.

Different methods of cultivation have been adopted in the different areas and in some cases manuring has been taken recourse to. It must, however, be remembered that ultimately the cultivation of the tung oil tree will have to be left in the hands of villagers, who can ill-afford to spend money in manuring and taking other expensive steps in cultivating the tree. Cultivation of resisting species which can be grown without much attention and care should therefore be encouraged.

The results of cultivation in the different parts of the country during the last decade indicate that *A. Montana* is more vigorous and disease resistant species. It can be grown easily in well-drained soil along the hill-side from an elevation of 1,500 to 4,000 ft. with considerable success. The yield of the fruits is also much higher than that of *A. Fordii*. *A. Moluccana*, as experiments for the last so many years in the Botanic Garden show, is another harder species which is expected to grow easily under the soil and climatic conditions of the plains of Bengal, Behar, Assam and South India.

The yield of fruits depends on several factors.

From the data gathered hitherto from many sources I am now in a position to declare that there is sufficient prospect of successful cultivation on a commercial scale, of tung oil trees

particularly *A. Montana* and *A. Moluccana*. They can be grown in the village shrubberies, in the different Tea estates for plantation purpose or as shade trees and along the portions of the hill-sides which are not productive enough for other profitable plantations. Viable resistant seeds yielding larger quantity of oil may be obtained from experimental cultivation which may conveniently be undertaken by the Forest Department in suitable areas. Tung oil or as it is commonly known the Chinese Wood Oil is of considerable commercial value. There is scarcity of this oil nowadays due to the war in China—the chief source of supply. The United States of America imported tung oil of the value of Rs. 53,514,342 about four years ago. Some time about 10 years ago 50,000 tons of tung oil was exported from China to the United States and about 4,000 tons to the United Kingdom. The various uses of the tung oil, such as in connection with the electrical industry, in the manufacture of oil cloth, water proof, chinese ink, etc., are well known. It is invaluable in the manufacture of paints and varnishes.

There is not much difficulty in the disposal of any possible surplus production as the Advisory Committee on oils and oilseeds (Sub-Committee on Tung Oil) of the Imperial Institute, London, offers sufficient facilities for the marketing of the tung nuts.

The Chairman announced that the Annual Meeting of the Society would be held on Monday, the 3rd February 1941, and invited the members present to communicate with the General Secretary the names and addresses of non-members to whom they would wish invitation to be issued.



FEBRUARY

An Ordinary Monthly meeting of the Royal Asiatic Society of Bengal was held on Monday, the 3rd, immediately after the termination of the Annual Meeting, for the election of Ordinary Members and transaction of business.

PRESENT

THE HON'BLE MR. JUSTICE JOHN LORT-WILLIAMS, Kt., K.C.
President, in the Chair.

Members :

Biswas, Dr. K. P.	Haq, Prof. M. M.
Brown, Mr. Percy	Mukherjee, Dr. J. N.
Chakladar, Prof. H. C.	Nag, Dr. K.
Chatterji, Dr. S. K.	Pasricha, Major C. L.
Chopra, Bt.-Col. Sir R. N.	Prashad, Dr. B.
Edgley, Hon. Mr. Justice N. G. A.	Saha, Dr. M. N.
Guha, Dr. B. S.	Vedantatirtha, Mr. V.
	West, Mr. W. D.

The minutes of the last meeting were read and confirmed.

The General Secretary announced that the presentations of books, etc., received since the last meeting would be exhibited in the next monthly meeting.

The General Secretary announced that the following five candidates would be balloted for as Ordinary Members:—

(1) *Rizvi, Moulvi Syed Kasim Hasan*, M.A., Munshi Fazil, B.T., Author, Journalist and Teacher, Najafgarh, Delhi.

Proposer: B. S. Guha.

Secunder: J. C. De.

(2) *Tribedi, B. P.*, M.B. (Cal.), D.B. (Lond.), Professor of Pathology, Medical College, Calcutta and Bacteriologist to the Government of Bengal, Medical College, Calcutta.

Proposer: C. L. Pasricha.

Secunder: B. S. Guha.

(3) *Reddy, B. Ranga*, Joint Revenue Secretary, H.E.H. the Nizam's Government, Bholakpur, Secunderabad, Deccan.

Proposer: J. C. De.

Secunder: B. S. Guha.

(4) *Ray, Nirod Bhushan*, Professor of History, A.M. College, Suburn Road, Mymensingh.

Proposer: B. S. Guha.

Secunder: J. C. De.

(5) *Shastri, Gangeyanarottam*, Kavyatirtha, Kavicakraudamani, Landholder, Gangeya Bhawan, 280, Chittaranjan Avenue, Calcutta.

Proposer: Hirendranath Datta.

Secunder: Chintaharan Chakravarti.

The General Secretary announced that since the previous meeting: (a) there had been no loss of members either by death or by resignation; (b) there had been no lapses of election under Rule 9; and (c) there had been no withdrawals of application.

The Chairman announced the result of the ballot for the election of the Ordinary Members and declared that all the candidates had been duly elected.



MARCH

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 3rd, at 5 P.M.

PRESENT

BAINI PRASHAD, Esq., D.Sc., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B., Honorary Treasurer, in the Chair.

Members :

Bose, Mr. S. M.	Hora, Dr. S. L.
Bruce, Lt. A. E. R.	Majumdar, Mr. J. M.
Chakravarti, Prof. C.	Mukherjee, Dr. J. N.
Chatterjee, Mr. B. C.	Pasricha, Major C. L.
De, Mr. J. C.	Saha, Dr. M. N.
Guha, Dr. B. S.	Sastri, Mr. G. N.
Hobbs, Major H.	Tribedi, Mr. B. P.
	West, Mr. W. D.

Visitors :

Sen-Gupta, Mr. P. C.	Szclechaw, Mr. M.
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The minutes of the last meeting were read and confirmed.

The General Secretary announced receipt of the following ten presentations of books, etc. which had been placed on the table for inspection :—

- (1) From Government of India—'Manual of Rules regulating access to Archives in India and Europe'.
- (2) From Mr. P. B. Chakravarti—'Doctrine of Sakti in Indian Literature'.
- (3) From Mr. D. J. P. Andrade—'The Portuguese and P. John of Abyssinia'.
- (4) From Mr. V. Melkonian—'The Grass-folk or Notes on Bhaktiaries'.
- (5) From Government of Madras—'Annual Report on South Indian Epigraphy'.
- (6) From Trustees Bashford Dean Memorial—'Archaic fishes'.
- (7) From Koninlich Bataviaasch Genootschap, Java—'Beschrijving der Handschriften'.
- (8) From Trustees Gibb Memorial Series—'Mathnawi of Jalalludin Rume, IV, 8'.
- (9) From Dr. M. Z. Siddiqi—'As-Saiyarul Hathith'.
- (10) From Trustees Gibb Memorial Series—'Kitab-Ar-Riaya'.

The General Secretary announced that the following two candidates would be balloted for as Ordinary Members :—

- (6) *Mitra, Miss Priti*, M.A., Research Student, 14, Chowringhee Terrace, Calcutta.

Proposer: J. C. De.

Seconder: Chintaharan Chakravarti.

- (7) *Hasan, Manzoor*, M.A., M.O.L., Munshi Fazil (Punjab University), Lieut., A.I.R.O., 136, Jhowtola Road, Calcutta.

Proposer: A. E. R. Bruce.

Seconder: Claude Isch-Wall.

The General Secretary reported that there had been no loss of membership since the previous meeting by resignation.

The General Secretary announced the following loss of membership, since the previous meeting, by death:—

Dr. Sushil Kumar Mukherjee (Ordinary Member, 1927).

The General Secretary reported that since the previous meeting there had been no lapses of election under Rule 9 and that there had been no withdrawals of application.

The General Secretary announced the composition of various Standing Committees of the Society for 1941-42 to be as follows:—

Finance Committee :

President	} <i>Ex-officio.</i>
General Secretary	
Treasurer	
Dr. C. S. Fox.	
Dr. S. C. Law.	
Dr. S. P. Mookerjee.	
Dr. J. N. Mukherjee.	
Major C. L. Pasricha.	
Mr. C. W. Gurner.	

Library Committee :

President	} <i>Ex-officio.</i>	} <i>Secretaries.</i>
General Secretary		
Treasurer		
Philological		
Jt. Philological		
Biological		
Physical Science		
Anthropological		
Medical		
Library		
Philosophical		
Historical and Archaeological		
Khan Bahadur K. M. Asadullah		
Prof. M. Z. Siddiqi.		

Publication Committee :

President	} <i>Ex-officio.</i>	} <i>Secretaries.</i>
General Secretary		
Treasurer		
Philological		
Jt. Philological		
Biological		
Physical Science		
Anthropological		
Medical		
Library		
Philosophical		
Historical and Archaeological		

Bibliotheca Indica Committee :

President	} <i>Ex-officio.</i>
General Secretary	
Treasurer	

Dr. S. K. Chatterji.

Prof. M. Mahfuz-ul Haq.

Dr. B. C. Law.

Sir S. Radhakrishnan.

Sir Jadunath Sarkar.

Dr. M. Z. Siddiqi.

Hon. Mr. Justice N. G. A. Edgley.

Mr. T. N. Ramchandran.

Prof. V. Vedantatirtha.

The Chairman called upon the following to read their papers:—

1. C. L. PASRICHA.—*A Note on the History of Bacteriology and some of the Early Workers in India.*

After briefly indicating the growth of the science of bacteriology during the nineteenth century, short biographical records are given of seventeen of the earlier workers in bacteriology who came to India. These workers contributed in no small measure to the development of the science of bacteriology more particularly in applied medical bacteriology. India has played an important rôle in two ways, firstly the presence of epidemic diseases and secondly the facilities for large scale trials under controlled conditions and with reasonable facilities for collecting data. The fact that of the 330 early workers who have found place in Bulloch's history of bacteriology seventeen workers came to India is sufficient justification for India to feel proud of the facilities that she had been able to offer these workers and thus to the development of the science of bacteriology.

2. P. C. SEN-GUPTA.—*The Solar Eclipse in the Rg-Veda and the Date of Atri.*

This paper presents a solution of an unsolved problem in Indian Chronology. The first attempt was made by the late Prof. Ludwig of Prague in May of the year 1855 A.D. in his paper 'On the mention of solar eclipses in the Rg-veda', written with the assistance of the Viennese astronomer Oppolzer. In the JAOS of the same year for October, Whitney severely criticised the paper and concluded by saying 'that no result possessing even a presumptive value as bearing on ancient Hindu chronology has been reached by his investigation'. Lanman wrote a paper in the Festschrift-Roth in the year 1893 pointing out a parallel to the Rg-veda solar eclipse in the Buddhist work *Saṃyukta Nikāya*, II, 1, 10. Mr. Sen-Gupta is not aware of the work of other researchers who may have made an attempt to solve this problem.

The present author has evolved from the R̥g-veda and the R̥gveda Brāhmanās that the solar eclipse described in the R̥g-veda V, 40, (a) must have happened either on the correctly determined summer solstice day or on the day following, (b) that it was a central solar eclipse, (c) it ended in the fourth part of the day of the meridian of K̥urukṣetra, (d) it was observed by Atri from the foot of a snow capped peak either of the Himālayās or of the Kāraḥoram range, (e) that at the place of Atri the eclipse did not reach the totality and (f) that the eclipse must have happened between 4000 B.C. and 2400 B.C., when the word *Viṣuvant* had its oldest meaning, viz., the summer solstice day. Mr. Sen-Gupta has done, according to his estimate, a complete survey of all the central solar eclipses happening on the summer solstice day within the above range and has found that the eclipse in question admits of a unique solution—that it happened on the 26th July, 3928 B.C., and no other central solar eclipse occurring within the range established meets all the conditions set forth above.

The author comes to the conclusion that this 3928 B.C., was about the time of the first Aryan colonisation of the Punjab. The date does not admit of being raised or lowered, if the most up to date astronomical constants are correct for all times past, present or future.

The circumstances of this eclipse have been calculated for the meridian of K̥urukṣetra and for the latitudes of $33^{\circ}\frac{1}{2}$ N and $35^{\circ}\frac{1}{2}$ N.

The paper has three appendices, in the last of which Mr. Sen-Gupta has shown a method of finding a central solar eclipse near a past date.

3. MUKUNDAMURARI CHAKRAVARTY.—*Observations on two Myxosporidians Zschokkella lissemysi n. sp. from the gall-bladder of the tortoise Lissemys punctata and Zschokkella auerbachii (Weill) from the gall-bladder of Bufo melanostictus with a note on the genus Zschokkella auerbachii.*

A discussion on the genera *Cystodiscus* and *Zschokkella* is dealt with in detail.

An amended definition of the genus *Zschokkella*, especially in reference to the characteristics of the spores, is proposed.

A new myxosporidian, *Zschokkella lissemysi* n. sp. is described in detail. The main observations are:

- (a) amoeboid uninucleate trophozoites are described;
- (b) the spores are ovoidal and are characterised by the presence of a lid, striations on the shell, equal and spherical polar capsules, each of which is provided with a fine duct.

Zschokkella prasadi reported by Ray is synonymous with *Zschokkella auerbachii* (Weill) as the spores of these two myxosporidians resemble one another.

Zschokkella auerbachii (Weill) is reported and described from a new host *Rana limnocharis*.

4. N. B. Roy.—*Futuh-at-i-Firuz-shahi*.

The Chairman announced the result of the ballot for election of the Ordinary Members and declared that all the candidates had been duly elected.



APRIL

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 7th, at 5-30 P.M.

PRESENT

SUNITI KUMAR CHATTERJI, Esq., M.A., D.Litt., F.R.A.S.B.,
Philological Secretary, in the Chair.

Members :

Bruce, Lt. A. E. R.
Chakravarti, Prof. C.
Chatterjee, Mr. B. C.
Cleghorn, Miss M. L.
De, Mr. J. C.

Guha, Dr. B. S.
Hobbs, Major H.
Hosain, Dr. M. H.
Macfarlane, (Mrs.) Dr. E. W. E.
Majumdar, Mr. J. M.

Visitor :

Cleghorn, Miss O.

The minutes of the last meeting were read and confirmed.

The General Secretary announced receipt of the following fourteen presentations of books, etc. which had been placed on the table for inspection:—

(1) From Trustees of Prince of Wales Museum, Bombay—'Annual Report, 1939-40'.

(2) From D. J. P. Andrade, Esq.—'Historical study of the Rosary'.

(3) From Government of India—'Calendar of Persian Correspondence, Vol. VII'.

(4-11) From President, Advaita Ashrama, Almora—'Complete works of Swami Vivekananda, 7 vols. and index'.

(12) From Madras University—'Origin and early history of Saivism in South India'.

(13) From local American Consul—'Tepe Hissan Excavations of 1931'.

(14) From Calcutta University—'Buddhi and Bodhi'.

The General Secretary announced that the following six candidates would be balloted for as Ordinary Members:—

(8) *Jamal-ud-Din, Lieut.-Col., I.M.S., Civil Surgeon, Rawalpindi.*

Proposer: M. Hidayat Hosain.

Seconder: B. S. Guha.

(9) *Melkonian, Vartan, C. 173, Margil, Basra, Iraq.*

Proposer: B. S. Guha.

Seconder: M. Hidayat Hosain.

(10) *Roxburgh, The Hon'ble Mr. Justice T. J. Y., C.I.E., I.C.S., Additional Judge, High Court, Calcutta, 6, Lee Road, Calcutta.*

Proposer: The Hon'ble Mr. Justice N. G. A. Edgley.

Seconder: L. R. Fawcus.

(11) *Baker, Ernest Brain Hindley, I.C.S., Addl. Secretary to H.E. the Governor, 6, Wellesley Place, Calcutta.*

Proposer: The Hon'ble Mr. Justice N. G. A. Edgley.

Seconder: L. R. Fawcus.

(12) *Malik, A. R., Senior Marketing Officer, Bengal, 11, Circus Row, P.O. Circus, Calcutta.*

Proposer: S. L. Hora.

Seconder: B. S. Guha.

(13) *Vicary, Thomas C., M.A. (Lond.), A.K.C., Missionary, Principal, Union Christian Training College, Berhampore, Bengal.*

Proposer: W. J. Culshaw.

Seconder: B. S. Guha.

The General Secretary announced the following loss of membership since the previous meeting by death:

Sir George A. Grierson, O.M. (Hon. Fellow, 1904).

The General Secretary reported that since the previous meeting: (a) there had been no loss of membership by resignation; (b) there had been no lapses of election under Rule 9; and (c) there had been no withdrawals of application.

The Chairman called upon the following to read their papers:—

1. CHRISTOPH VON FÜRER-HAIMENDORF.—*Seasonal Nomadism and Economics of the Chenchus of Hyderabad.*

Of all the aboriginal tribes of the Deccan the Chenchus are racially and culturally the most primitive, and though at present they form but a small group, they may be considered as representative of those larger populations of hunters and collectors

that roamed the jungles of the tableland when the first invaders of higher culture penetrated the country south of the Godavari. While other tribes lost their social and economic independence and were gradually absorbed within the cultural system of the new-comers, the Chenchus of Hyderabad remained comparatively isolated until recent times. During the last few generations, however, with the exploitation of the forest and the intrusion of outsiders this isolation had greatly disappeared. These 'jungle Chenchus', as they may be conveniently called, as distinct from the Chenchus dwelling in or near the villages of Telugu cultivators or in the settlements created by the Forest Authorities of Madras, number at present 426 men, women and children. They inhabit the upper part of the Amrahbad Plateau in the Mahbubnagar District of Hyderabad, an area of about 320 sq. miles on the northern bank of the Kristna River.

The Chenchus still speak of a time when their ancestors owned no houses, but lived under trees and in rock shelters. That this does not lie very far is borne out by a passage in Ferishta's 'History of the Deccan', who describes them as 'living in caverns and under the shady branches of trees'.

The economic system of the Chenchus is essentially that of a tribe of hunters and food collectors. For the Chenchus depend for nine-tenths of their food-supply on that which nature provides and it is only a limited number of families, who by owning a few domestic animals are now in the process of emerging from this lowest and primeval stage of human development.

Before the Chenchus came in contact with races of higher developed culture, trade and barter was probably non-existent. But this condition must have prevailed in very early times, for during the immediate past the Chenchus must have depended on barter to obtain the knives, axe-heads and iron for arrow-tips, which have formed indispensable parts of their equipment. The commodities he tendered in exchange for these goods were undoubtedly forest produce, such as honey, wax and fruits, and sometimes perhaps even venison. Growing contact with their neighbours has induced many of them to leave the jungle and settle in the villages of the plains. But those, who to-day still live in the hills, cling tenaciously to their old forest life and scorn the idea that they too might exchange it for a more settled existence. Their old social organisation has remained intact and their economics are still what they have been since time immemorial—the economics of a tribe of primitive food-gatherers.

2. W. J. CULSHAW.—*Some Beliefs and Customs relating to Birth among the Santals.*

In this paper an account is given of preparations for the birth of a child in a Santal home, including the taboos observed by the parents during the mother's pregnancy, and various

beliefs relating to it. An account is given of the mode of birth, and also of the ceremonies which follow it. This is accompanied by a translation of an account given by a Santal seventy years ago, and a comparison of it with present conditions. The rites are viewed from the points of view of the infant, his parents and the community.

Some account is also given of Santal customs relative to naming, and a reference is made to the problem of illegitimate children.

3. S. L. HORA and J. C. GUPTA.—*On a Collection of Fish from Kalimpong Duars and Siliguri Terai, North Bengal.*

Attention is directed to the great importance of the study of the fish-fauna of the Eastern Himalayas and notes are given on the physical conditions of the parts of the Kalimpong Duars and of the Siliguri Terai in which collections were made. The fish-fauna is roughly divided into ecological associations and a reference is also made to the methods of collecting fish.

A list of 58 species is given and additions and alterations made in a list of 131 species of fish of Northern Bengal published by Messrs. Shaw and Shebbeare in 1938 are explained. Taxonomic notes are given on *Lepidocephalus guntea* (Hamilton), *Semiplotus semiplotus* (McClelland) and *Barbus (Puntius) titius* Hamilton.

The Chairman called upon the following to show and comment upon his exhibit:—

1. J. C. DE.—*Letter to Lord Clive dated the 4th July, 1766.*

A letter was addressed to Lord Clive and Council of Fort William on the 4th July, 1766, by Walter Wilkins, apparently a salt-agent stationed at 'Luckipore'. A ship called the 'Falmouth Indiaman' had become 'stranded' somewhere near the mouths of the 'Raymungal and Mutwalla Rivers', and the President and Council were anxious to save the passengers and crew of the vessel. They had written to Wilkins on the 30th June, and 'conformable to (their) orders' Wilkins had sent 'two boats with an European' to the river-mouths with 'instructions to be extremely vigilant in making constant signals by day and night as a guide to the sloops' entrusted with the rescue-work. Circular letters were also forwarded by Wilkins to various 'Zemindars bordering on the Sea Coast' to help the distressed.

The letter now exhibited was found among the old files of the Society. It is an old and very nicely made copy of the original letter written under the direction of 'H. R. R.' The paper has turned yellow through age and was extremely brittle when first seen. It has now been repaired. It bears the

Government of India arms and there are two short notes written by 'H. R. R.' on the third page.

The Chairman announced the result of the ballot for election of the Ordinary Members and declared that all the candidates had been duly elected.



MAY

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 5th, at 5-30 P.M.

PRESENT

BAINI PRASHAD, Esq., D.Sc., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B., Honorary Treasurer, in the Chair.

Members :

Chakravarti, Prof. C.	Haq, Prof. M. M.
Chatterji, Dr. S. K.	Hobbs, Major H.
Chopra, Dr. B. N.	Hora, Dr. S. L.
Edgley, Hon'ble Mr. Justice N. G. A.	Hosain, Dr. M. H.
Guha, Dr. B. S.	Macfarlane, (Mrs.) Dr. E. W. E.
Gurner, Mr. C. W.	Rahman, Prof. S. K.
	Siddiqi, Dr. M. Z.

Visitor :

Prashad, Mrs. B.

The minutes of the last meeting were read and confirmed.

The General Secretary announced receipt of the following six presentations of books, etc. which had been placed on the table for inspection:—

(1-2) Indian Science Congress Association—'Proceedings 27th Indian Science Congress', 2 copies.

(3-4) American Consul, Calcutta—'Exposition de l'art populaire Ukrainien' and 'Studien over Palmyreach Skulptur'.

(5) Dept. of Education, Health and Lands, Government of India—'The Voyages of Sir James Lancaster'.

(6) Swami Harisarananda Vaidya—'Kupi-pakkyā-Rasa-nirman-vigyan'.

The General Secretary announced that the following candidate would be balloted for as an Ordinary Member:—

(13) Kirby, Edward Stuart, Capt., Ph.D., B.Sc. (Econ.), F.R.Econ.S., Indian Army, 12, Russell Street, Calcutta.

Proposer: J. C. De.

Seconder: B. S. Guha.

The Chairman called upon Dr. S. K. Chatterji to read an obituary notice of the late Sir George A. Grierson, O.M. (See page 196.)

The General Secretary reported that since the previous meeting: (a) there had been no loss of membership either by death or by resignation; (b) there had been no lapses of election under Rule 9; and (c) there had been no withdrawals of application.

The Chairman announced the retirement of Pandit Aghornath Bhattacharya, Head Pandit, Society's Sanskrit Department, due to ill-health and old-age; and the appointment of Babu Girijanath Bhattacharya as Pandit in the Sanskrit Section on probation for six months in the junior grade on an initial salary of Rs.50.

The Chairman called upon the following to read their papers:—

1. M. I. BORAH.—*The Life and Work of Amīr Hasan Dihlavī.*

Amīr Hasan Dihlavī, son of a Persian emigrant to India, named 'Alā-u'd-Dīn Sijzī, was one of the greatest Indo-Persian poets who flourished during the late seventh and early eighth centuries of the *Hijra*. He was born at Delhi in A.H. 615 (A.D. 1253), during the reign of Nāsir-u'd-Dīn Mahmūd. He began to compose verses when he was a boy of thirteen, and devoted himself to the art of poesy for a period of fifty years. In the prime of his youth he attached himself to the court of Ghiās-ū'd-Dīn Balban and his son, Prince Muḥammad, in whose service he spent five years at Multan, together with his contemporary Amīr Khusraw. After the fall of the House of Balban he lived under the patronage of the Khilji Kings, and at the age of fifty-six he became a disciple of Nizām-u'd-Dīn Awliyā. He died in A.H. 729 (A.D. 1328) at Dawlatābād when Sultān Muḥammad Tughlaq transferred the capital from Delhi and forced its population to migrate there.

His extant poetical works are contained in a *Divān* which comprises about ten thousand couplets, containing *Qasīdas*, *Ghazals*, *Qīṭa's*, *Rubā'īs*, and a romantic Mathnavī, called *Hikāyat-i-Ashiq-i-Nāgūrī*. His prose works that have survived are a short piece of *Marthiyā* written on the occasion of the death of Prince Muḥammad, and the *Fawā'id-u'l-Fu'ād*, a collection of discourses made by his spiritual guide at a number of successive meetings held during the years A.H. 707–722 (A.D. 1307–22).

2. N. C. CHATTERJEE.—*A Psychological Study of Arithmetical Ability with Reference to the Students of Secondary Schools.*

The work extended over a period of two years 1939 and 1940, and samples of students in Bihar and Bengal were tested

in Arithmetic under certain specific conditions uniformly observed. It contains three parts, namely: (1) a standardised objective test in 'reasoning' arithmetic on grade-norm basis, (2) a Psychological analysis of students' responses, and (3) a comparative study of Arithmetical abilities of students in Bihar and Bengal. 73 graduates and 2,404 school students, 1,520 of Patna and 884 of Calcutta, were tested and 29,371 correct responses were carefully scrutinised in connection with the work.

The test has been standardised for the four top classes of the High Schools of Bihar and Bengal, the process of standardisation going through elaborate statistical analysis. Parameters, e.g., mean, median, quartile, sigma, etc., were computed and tabulated for each group and grade-norms determined therefrom. The test has been proved to satisfy the statistical criteria of validity, reliability, representativeness of samples, objectivity and ease of administration and scoring,—the proof being supported by tables and graphs.

About 30 thousand correct responses to the questions were scrutinised and their p.c.'s calculated class by class and question by question, to study psychologically the rate of growth of the students' abilities in arithmetic, the difficulty values of the questions and their educational implications.

A comparative study of the arithmetical abilities of the Bihar and Bengal students clearly shows that in both cases about a year's progress is lost to them during the first two years of their career in the four top classes of the High Schools. Among other things it has come to light that the Bihar students are a bit more serious and laborious than their brothers in Bengal, and that although the innate, general ability of the latter, on the average, is quite high, they are prevented from bringing this into full play due to various extraneous factors.

The Chairman called upon the following to make his communication:—

1. BAINI PRASHAD.—*Birth of Nūr Jahān.*

The published accounts in regard to the birth of the Empress Nūr Jahān, based on some of the contemporary records, are unfortunately very conflicting. An important reference in Khafī Khān's famous history has apparently escaped the attention of previous workers; this clears up the romance in regard to the birth of this great personality, and in view of the information having been supplied to the author by an eye-witness should be accepted as authentic.

The Chairman announced the result of the ballot for election of the Ordinary Member and declared that the candidate had been duly elected.



JUNE

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 2nd, at 5 P.M.

PRESENT

BAINI PRASHAD, ESQ., D.Sc., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B., Hon. Treasurer, in the Chair.

Members :

Agharkar, Dr. S. P.	Guha, Dr. B. S.
Bruce, Lt. A. E. R.	Hora, Dr. S. L.
Chakravarti, Prof. C.	Hosain, Dr. M. H.
Chatterji, Prof. B. R.	Macfarlane, (Mrs.) Dr. E. W. E.
Chatterjee, Mr. P. P.	Rahman, Prof. S. K.
De, Mr. J. C.	and others.

Visitors :

Datta, Mr. J. M.	Rendall, Mr. J. H.
Greval, Lt.-Col. S. D. S.	Roonwal, Dr. M. L.
Greval, Mrs.	Kirby, Capt. D. E. S.

The minutes of the last meeting were read and confirmed.

The General Secretary announced receipt of the following thirteen presentations of books, etc. which had been placed on the table for inspection:—

- (1) From George Allen and Unwin, Ltd.—‘Islam and Christianity’.
- (2) From Mr. Tokuzo Saito—‘A primer of modern Japanese language’.
- (3) From University of Pennsylvania Press—‘The Wragfiyat of Ahmed Pasha’.
- (4) From Director of Public Instruction, C.P.—‘Korku-Hindi-Eng.-Dictionary’.
- (5) From Dr. E. W. Macfarlane—‘Love in the Western World’.
- (6) From Konink. Bataviaasch Genootschaf, etc.—‘Catalogusder Bibliothek’.
- (7-8) From R.A.S.B.—‘Index to Vol. 3 of Tabaqat-i-Akbari, Eng.’.
- (9-13) From R.A.S.B.—‘Des. Cat. of Sans. MSS., Vol. 8, pt. 2’, ‘Dharmabindu, Vol. I, fasc. 2’, ‘Avadanakalpalata, Vol. I, fasc. 2’, ‘Atmatatvaviveka, fasc. 6’, and ‘Varnaratnakara’.

The General Secretary announced that the following three candidates would be balloted for as Ordinary Members:—

- (15) *Laxmiah, Mannay Venkat*, Military Contractor, c/o Lieut. M. G. Raja, A.I.R.O., Assistant Garrison Engineer, Ahmednagar.

Proposer: B. S. Guha.
 Seconder: J. C. De.

- (16) *Paterson, Edward Alford*, Assistant, Jardine, Skinner & Co., 4, Clive Row, Calcutta.

Proposer: Sir John Lort-Williams.
 Seconder: The Hon’ble Mr. Justice N. G. A. Edgley.

(17) *Husen, A.*, H.M.B., M.R.A.S., Medical Practitioner, 24, Zakaria Street, Calcutta.

Proposer: M. Hidayat Hosain.

Secunder: B. S. Guha.

The General Secretary announced the following loss of membership since the previous meeting by death:—

1. Prof. C. R. Lanman (An Hony. Fellow, 1896).
2. Sir James Frazer (An Hony. Fellow, 1920).

The General Secretary reported the following loss of membership since the previous meeting by resignation:—

1. L. S. Dugin (An Associate Member, 1934).

The General Secretary reported that since the previous meeting there had been no lapses of election under Rule 9 and there had been no withdrawals of application.

In accordance with Rule 48(d) the General Secretary reported for confirmation by the meeting the following resolutions passed by the Council in its last meeting:—

- (1) 'Mr. J. C. De be not confirmed but offered six months' extension on his present salary of Rs.200 per month.'
- (2) 'Due to light restrictions the library of the Society will remain open up to 6 p.m. instead of 7 p.m. from 2nd June, 1941.'

Order: Confirm.

The Chairman called upon the following to read his paper:—

1. P. SEN.—*Observations on the method of Carp Culture in the so-called Salt Lakes near Calcutta, with a note on the Fish Fauna of the Lakes.*

The author refers to the physical changes undergone by the so-called Salt Lakes near Calcutta since the silting up of the tidal river Bidyadhari, of which the Salt Lakes formed the spill area. As a result, the salinity of the Lakes has decreased considerably and in consequence the fish-fauna has also changed. Instead of estuarine forms, such as *Lates calcarifer*, *Mugil parsia*, *Hilsa ilisha*, etc. which used to occur in the Lakes, the fauna now consists mainly of freshwater species. A list of 37 species of fish and 6 species of prawns is given.

The present practice of the culture of carps in the Salt Lakes is described, and attention is particularly directed to the supply of food to the fingerlings and the methods adopted in protecting the fry from their natural enemies.

The Chairman called upon the following to show and explain the exhibit:—

1. M. HIDAYAT HOSAIN.—*Tafsīr Nīshāpūrī.*

Among the many Arabic and Persian MSS. in the collection of the Royal Asiatic Society of Bengal there is a Persian

commentary of the Qur'ān, named, *Tafsīr Nishāpūrī*. Unfortunately this is a fragment of the work—the beginning and the end are wanting. It appears from fol. 360, that the author of the work is Muḥammad bin Maḥmūd Nīshāpūrī and from fol. 293, he was a pupil of Ṣadar al-Islām Qādī al-Qudāt Mas'ūd.

I think most probably the full name of the latter is Mas'ūd bin 'Alī bin Aḥmad al-Baiḥaqī, died in A.H. 544 (A.D. 1149.) He is also the author of a commentary on the Qur'ān which our author quotes. (*See Yāqūt, Irshād al-Arīb*, vol. vii, p. 159.) If this assumption is correct then our author flourished at the latter half of the 6th century Hijra.

The copy belonging to the Society is very valuable on account of the following reasons:—

(1) The commentary of the Qur'ān written in the Persian language in the Sixth Century of Hijra is hardly to be found in any library.

(2) It is very elegantly written in beautiful Naskh and the verses of the Qur'ān are written in bold character, between two beautiful drawings, a bigger one on the margin, and a smaller one at the end of the text.

(3) The fine calligraphy and decoration of the MS. indicate that it was written in Bukhārā and was in the library of some prince.

(4) The colophon says that the most competent calligrapher with the title of Sayyid al-Khattāt (Lord of calligraphers), whose name is 'Alī bin Muḥammad bin Aḥmad al-Adīb al-Bukhārī, has written this copy in A.H. 685 (A.D. 1286). Our copy is consequently 655 years old.

This MS. was in a very dilapidated condition and it was not possible to use it. It has now been repaired properly.

The Chairman called upon the following to make his communication:—

1. S. L. HORA.—*A Hump-backed Catla.*

Malformations or abnormalities in fishes are not unusual and even a casual observer of the supplies reaching a fish-market cannot fail to notice them. Some of the abnormalities are due to accidental injuries or certain environmental factors and, in consequence, can be easily accounted for, while some others are more deep-seated or congenital and, therefore, it is sometimes difficult to trace their origin. As an instance of the latter kind, it may be mentioned that in September, 1939, Mr. R. M. Chatterji of the Geological Survey of India presented to the Zoological Survey the head of a blind Rohu fish. A detailed study of this specimen (K. K. Nair, *Rec. Ind. Mus.*, XLII, pp. 25-33, text-figs. 5, 1940) showed that the brain was defective and asymmetrical in several respects. From this it was presumed that the

brain had probably become defective at a very early stage of development and, in consequence, the normal growth of the eyes was inhibited. The lack of sight, however, had not affected the normal mode of life of the fish, as it had grown to a considerable size; the length of its head being 80.7 mm.

More recently, Mr. Pulin Krishna Das of the Geological Survey presented to the Zoological Survey of India a hump-backed *Catla*, which in outward appearance looked almost like a large *Chanda* (one of the Perches). The size of the specimen, 418 mm. in total length and 202 mm. in height, indicates that the fish was none the worse for the deformity, but had instead, size for size, put on much greater weight. Enquiries have shown that such a *Catla* has never been heard of or seen. The present communication is intended to elicit further information from or through the members of the Society regarding the frequency of occurrence of such abnormalities in our common food fishes. After a perusal of the literature, the hump-backed condition of *Catla* could readily be ascribed to an abnormality of the vertebral column, but until a skiagraph of the fish was taken the extent of this deformity did not become clear. The X-ray photograph taken by Dr. M. Mukherji, Radiologist, Campbell Hospital, Calcutta, has shown that in the abnormal specimen the vertebral column, instead of consisting of a series of individual vertebrae (with the exception of the normal compound vertebra comprising vertebrae 1 to 4) is composed of a series of compound bones without any clear demarkation of the extent of each vertebra. The number of vertebrae represented by each compound bone can, however, be made out by the number of neural spines and ribs or haemal spines attached to each. Such a condition is known as coalescence or synostosis of the vertebral centra (*vide* J. F. Gemmill, *The Teratology of Fishes*, p. 52, Glasgow: 1912). It is remarkable that in the whole of the vertebral column there is not a single normal vertebra; each compound bone representing from 2 to 5 vertebrae. In *Catla* the number of vertebrae is about 37 (Nos. 1-4 form the compound vertebra), of these 18 are trunk vertebrae with ribs and 19 caudal vertebrae with haemal spines. The arrangement of these in the hump-backed *Catla* from front backwards is somewhat as follows:—

5+2+4+3+2+3+3+4+5+5+1 and urostyle.

Thus there are in all eleven compound bones in the vertebral column of the abnormal *Catla*. Owing to the compression of the vertebral elements the dorsal and anal fins are shifted somewhat forwards. The arrangement of the bones connected with the caudal fin is also greatly disturbed.

The preparation of the skeleton of the fish will reveal the precise nature of the malformation of the vertebral column noted above, and a detailed study of the musculature and nerve supply of the vertebrae will show how far the metameric arrange-

ment of the other structures has been disturbed by this abnormality. These studies are now being undertaken.

The Chairman announced the result of the ballot for election of Ordinary Members and declared that all candidates were duly elected.

JULY

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 7th, at 5 P.M.

PRESENT

BAINI PRASHAD, ESQ., D.Sc., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B., Honorary Treasurer, in the Chair.

Members :

Agharkar, Dr. S. P.	Macfarlane, (Mrs.) Dr. E. W. E.
Chatterjee, Mr. B. C.	Majumdar, Mr. N. K.
Chatterji, Prof. B. R.	Malik, Mr. A. R.
De, Mr. J. C.	Mitra, Miss Priti
Edgley, Hon'ble Mr. Justice N. G. A.	Mukherjee, Dr. J. N.
Ghosh, Mr. P. N.	Nag, Dr. Kalidas
Hobbs, Major H.	Saha, Dr. M. N.
Hosain, Dr. M. H.	Sen, Mr. S. C.
	Vedantatirtha, Mr. N. C.

Visitors :

Ahmed, Mr. S.

Chaudhuri, Dr. J. B.

The minutes of the last meeting were read and confirmed.

The Chairman announced receipt of the following twelve presentations of books, etc. which had been placed on the table for inspection:—

- (1) From Government of India—'Annual Report, Arch. Survey, 1936-37'.
- (2) From Dr. F. de Mello—'Von der seele der Indischen Frau'.
- (3-5) From Mr. C. Isch-Wall—'Aeschylus', 'La Religion, Tom 1-2' and 'Relativity Thermodynamics and Cosmology'.
- (6) From Arch. Survey, Mysore—'Report for 1938 and 39'.
- (7-8) From Government Press, Madras—'Records of Fort St. George, Letters, Vol. 40, and Diary and Consultation, 1753, Vol. 81'.
- (9-10) From Government of Assam—'Report on Khasi and Jaintia Hills', and Administration of Cossyah and Jynteah'.
- (11) From Imperial Library—'Chin Lushai Land'.
- (12) From Arch. Dept. Jodhpur—'Marwar ka Itihasa, Vol. 12'.

The Chairman announced that the following two candidates would be balloted for as Ordinary Members:—

(18) *Clark, Thomas Welbourne*, Major, Army Officer, Plassey Mess, Fort-William, Calcutta.

Proposer: J. C. De.

Seconder: M. H. Hosain.

(19) *Roy, Satish Chandra*, M.A. (Lond.), D.P.I., Assam, I.E.S., Falls View, Shillong.

Proposer: Kalidas Nag.

Seconder: B. S. Guha.

The Chairman announced the following loss of membership since the previous meeting by death:—

1. G. S. Dutt (An Ordinary Member, 1933).
2. Dr. Eugene Dubois (Recipient of Annandale Memorial Medal for 1933.)

The Chairman called upon Dr. Kalidas Nag to read an obituary of the late Prof. C. R. Lanman—an Hony. Fellow, 1896 (see page 206).

The Chairman reported that since the previous meeting there had been no loss of membership by resignation, there had been no lapses of election under Rule 9, and there had been no withdrawals of application.

The Chairman called upon the following to read their papers:—

1. P. C. SENGUPTA.—*The Gupta Era*.

In this paper the author has made a thorough astronomical examination of no less than 11 instances of dates as found in the Gupta-Valabhi inscriptions and he has shown that the zero year of this era was originally almost the same as the Christian year 319. In times later than that of Āryabhaṭa, viz., 499 A.D. the year beginning was, in some cases, changed from the light half of *Pauṣa* to the light half of *Çaitra* or that the year of this era used originally to be reckoned from the winter solstice day, and in times later than 499 A.D. the year came to be begun from the vernal equinox day. The zero year of the Gupta era is found in these instances, taken as the same as the *Çaitra-Śuklādi* Śāka year 241 or 319-20 A.D. One year of the Gupta era, which was different in different localities and the Śāka year 420 A.D., was thus taken equal to 15 or 16 lunations, and there happened also in India what is called 'the year of confusion' in calendar reform. The paper thus shows that the so-called *Çaitra-Śuklādi* reckoning of the Hindu year was introduced by Āryabhaṭa I; before his time all the Indian eras reckoned the year from the winter solstice day and the Gupta era was necessarily of *Pauṣa Śuklādi* reckoning.

Mr. Sengupta's finding corroborates the tradition about this era as recorded by Alberunī, that its zero year was the

same as 241 of the Śāka era of *Çaitra Śukla* reckoning, of his time.

The author claims that his findings are more definite and conclusive than those of Dr. Fleet and Diksīt, who found this zero year to have varied between 319–321 A.D. and could not prove that the Gupta and the Valabhī eras were but one and the same era. Mr. Sengupta trusts that his investigation has clearly established this fact as well.

2. P. C. SENGUPTA.—*Time Indications in the Baudhāyana Śrauta Sūtra.*

The present paper modifies the author's interpretation of a time reference recorded in this work which he published in his paper on 'Solstice Days in Vedic Literature' in the JRASBL, Vol. IV, 1938, page 429. Mr. Sengupta has in this paper shown from 3 distinct references relating to the proper seasons for beginning the *Rājasūya*, *Nakṣatreṣṭi* and the *Pañcaśārādīya* sacrifices as contained in the *Baudhāyana Śrauta Sūtra*, that they all converge to the mean date, viz., 887–886 B.C. The actual days for starting these sacrifices in this year have been ascertained by back calculation as:—

- (1) 886 A.D., Nov. 1—N. Moon day: the 1st day of the Indian season of the Dewes—*Pañcaśārādīya* sacrifices to start.
- (2) 885 A.D., Feb. 27—N. Moon day: the Indian spring begins: *Rājasūya* sacrifices to start.
- (3) 885 A.D., March 29—N. Moon day near vernal equinox at the end of the first quarter of Bharanī division: *Nakṣatreṣṭi* sacrifices to start.

This year was about the time when the summer solstice was at the first point of the *Āśleṣā* division and the winter solstice, at the middle point of the *Śravaṇa* division.

3. EILEEN W. E. MACFARLANE.—*Tibetan and Bhotia Blood Group Distributions.*

One hundred and twelve mixed Bhutias were grouped at Darjeeling, North Bengal. They showed less of Group B than of Group A and over 10% of Group AB.

When those born in Tibet were separated from those born in Sikkim or Bengal the former were found to be genetically in equilibrium and the latter to be racially mixed.

The Bhotias of Sikkim are known to have interbred with the Lepchas. They show three times as much of Group AB as the Tibetans, and this increase is at the expense of Group A.

The blood group distribution in mixed Bhotias is of the same order as that found in the Khasis of Assam.

A small sample of bloods was typed and indicates that Type N is scarce among the Bhotias and that the types are distributed as among the Bengalis.

4. S. N. CHAKRAVARTI.—*The Sohgaura Copper-plate Inscription.*

The Sohgaura copper-plate inscription, which is written in Brāhmī character of the Mauryan period, is a circular notice relating to famine relief measures, issued by the Council of Mahāmātras (great officials) of Śrāvastī. The upper face of the plate contains symbolic devices in three fields. On the lower face is the inscription in four lines. The order of the Council of Mahāmātras is that in times of scarcity food and seeds in the royal storehouse are to be distributed, while in times of plenty the distribution of the same is to be withheld. The symbolic devices in the first field, comprising a leafsome tree and a smaller storehouse with a ladle, signify a stage of plenty and, therefore, a restricted distribution of food and seeds, while those in the third field, consisting of a leafless tree and a larger storehouse without a ladle, indicate a drought stage and, therefore, an unrestricted distribution of the same. Evidently, it is *su-atiyāyika* of the Mauryan Brāhmī inscription of Mahāsthān which is to be understood at the end of the Sohgaura plate.

The Chairman called upon the following to make their communications :—

1. B. R. CHATTERJI.—*Our Trip to Tholing Monastery in Western Tibet (where Atisa converted Ye ses 'od, the King of Gu-ge, to Mahāyāna Buddhism).*

Nine hundred years ago Tholing was a rival of Lhasa as a centre of culture and learning. But we had no idea of its historical importance when we reached this famous monastery on 15th August, 1922. Professor Shiv Ram Kashyap, I.E.S., had led our party across the Lipu Lekh Pass to Mānas Sarovar and Kailas. From Kailas, instead of going back the way we came, we travelled in a south-westerly direction starting from the source of the Sutlej near Rāksas Tāl. After a fortnight's journey from Kailas we reached Tholing (Totling of Sven Hedin). The approach to the great monastery, situated in the deep gorge of the Sutlej, was through an intricate labyrinth of deep canyons. Both Sven Hedin and Tucci have described it as a nightmare landscape.

The next day we obtained permission to enter what Tucci calls the White Temple at Tholing. The lofty roof was supported by columns of deodar trunks which must have been brought from a great distance (as no large tree can grow in the cold desert of

Western Tibet). In the centre there was a great image of the Buddha with a wonderfully spiritual face seated on a lotus. On the walls were beautiful frescoes which strongly reminded us of the Ajanta school of painting. In the library it was all disorder and confusion. On account of an unpleasant incident we could not see other parts of this great shrine. But we had been impressed very much by one feature. Nowhere else in the Western Tibet had we seen Indian art so free from any foreign influence as at Tholing.

Whence came this strong Indian influence? The Naga Sanyasi who was with us, who had visited this place several times, told us that Tholing Gumpa was the Ādi Badri (the original Badrinath) and that it was Shankarāchārya who ordered the removal of the seat of Badri to the Indian side of the Himalayas.

This is not the correct explanation. In 1925 I came across a passage in the Journal of the Buddhist Text Society of India, Vol. I, Part I. There I read that Atisa, the greatest Buddhist scholar, Bengal has produced, went from the university of Vikramasila to Suvarnadwipa (probably Srivijaya in Sumatra) to put the finishing touches to his Buddhistic studies. On his return from Suvarnadwipa he received several earnest invitations from Ye ses 'od, King of Gu-ge in Western Tibet. At last, in spite of the protests of the Pāla King of Bengal, Atisa left Vikramasila (c. 1040 A.D.), passed through Nepal, and was escorted by Tibetan generals from Mānasa Sarovara to Tholing where the Tibetan king was waiting for him. There (at Tholing) he preached the Mahāyāna doctrine to the people of Nah-ri (Western Tibet) who had become mere Tāntriks.

Tholing became in the 11th century in the words of Tucci 'a place celebrated in the culture of Tibet because many works were here translated into Tibetan by a chosen band of pandits who, when Buddhism declined in India, were transplanted into this land of the snows'. Tradition says that Rin c'en bzau po, the famous saint and scholar of Western Tibet, lived and worked in one of the chapels of Tholing. According to my friend Dr. Prabodh Chandra Bagchi, Śrī Anupama Nirābhoga Vihara was the name of this centre of learning in its palmy days.

From Tholing we made a shortcut to India by the Māna Pass—a difficult pass as Father Andrade found to his cost early in the seventeenth century. We passed through wonderful Himalayan scenery, glaciers and mountain tarns overlooked by giant peaks, and came to Badrinath.

2. BAINI PRASHAD.—*Some examples of Moghul Justice.*

The Chairman announced the result of the ballot for election of two ordinary members and declared that both the candidates were duly elected.



AUGUST

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 4th, at 5 P.M.

PRESENT

BAINI PRASHAD, ESQ., D.Sc., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B., Honorary Treasurer, in the Chair.

Members :

Chatterji, Mr. B. C.
De, Mr. J. C.
Griffiths, Dr. W. G.
Guha, Dr. B. S.
Haq, Prof. M. M.

Hora, Dr. S. L.
Hosain, Dr. M. H.
Macfarlane, Mrs. E. W. E.
Mitra, Miss Priti.
Vedantatirtha, Mr. N. C.

Visitors :

Chatterjee, Mr. B. K.

Mitra, Mr. A. K.

The minutes of the last meeting were read and confirmed.

The General Secretary announced receipt of the following eleven presentations of books, etc., which had been placed on the table for inspection:—

- (1) From Government of Jodhpur—'Marwar ka Itihas, Vol. 2'.
- (2) From Mr. N. Shastri—'Karuna Tarangini'.
- (3) From Mahabodhi Society—'Suttha Nipada'.
- (4) From Government MSS. Oriental Library, Madras—'Library Catalogue'.
- (5) From Dr. Fitz Sarasin—'Ano einen Glucklichen leben: Biographische Notizen'.
- (6) From British Consulate General Pondicherry—'Dupleix'.
- (7) From Prof. V. Vedantatirtha—'Vedanta Philosophy of Brahma sutra'.
- (8) From Government of India—'Proc. 18th Session, Indian Historical Records Commission'.
- (9) From Den Directeur Van'slands Plantentuin, Java—'Nature Protection in Netherlands Indies'.
- (10-11) From Government of India—'List of inscriptions copied by the office Supt. of Epigraphy, Madras', and 'Subject-Index to the Annual Reports, S.I. Epigraphy'.

The General Secretary announced that the following two candidates would be balloted for as Ordinary Members:—

(20) *Subramanyam, R. A.*, General Manager, Bharat Sugar Works, Pachnikhi.

Proposer: B. S. Guha.
Seconder: J. C. De.

(21) *Shadani, W. H. A.*, M.A., M.O.L., M.F., Ph.D. (Lond.), Lecturer in Persian and Urdu, Dacca University, 74, Begum Bazar Road, Dacca.

Proposer: M. Z. Siddiqi.
Seconder: B. S. Guha.

The Chairman called upon Dr. Meghnad Saha to read "an obituary notice of the late Mr. Guru Saday Dutt—an Ordinary Member of the Society (see page 203).

The General Secretary reported that since the previous meeting there had been no loss of membership either by death or resignation; there had been no lapses of election under Rule 9, and there had been no withdrawals of any application.

In accordance with Rule 48(a) the General Secretary reported for confirmation by the meeting the following changes made in the Regulations of the Provident Fund of the Society's staff which were passed by the Council in its meeting of 30th June, 1941:—

'Regulation No. 17 to be amended as follows:—

'The Council may, at their discretion, authorise a temporary advance being granted from the Fund to any member subject to the following conditions:—

(a) No advance shall be granted unless the Council is satisfied that the applicants' pecuniary circumstances justify it, and that it will be expended on the following object or objects:—

- (i) to pay expenses incurred in connection with the prolonged illness of the applicant or any person actually dependent on him;
 - (ii) to pay obligatory expenses on a scale appropriate to the applicants' status in connection with marriages, funerals or ceremonies which by his religion it is incumbent on him to perform.
- (b) An advance shall not exceed except for special reasons:—
- (i) six months' pay, or half the amount subscribed by the member to the Fund, whichever is less;
 - (ii) unless the amount already advanced does not exceed two-thirds of the amount admissible under the sub-rule (b) (i), and shall not be granted until at least after the final repayment of all previous advances together with interest thereon.

No advance will be granted within a year of the proposed retirement of the member.

The rate of interest to be charged will be decided by the Council but in any case will not be less than the corresponding rate of interest paid by the Bank.'

Order: Confirm.

The Chairman called upon the following to read their papers:—

1. R. C. MAJUMDAR.—*Some Dates in the Pāla and Sena Records.*

In the paper entitled 'Some Dates in the Pāla and Sena Records' an attempt has been made to correct the dates as read by previous scholars. The following changes in the reading of dates have been proposed:

NAME OF INSCRIPTION.	Date as originally read.	Date proposed.
Nalandā C. P. Devapāla ..	39	35
Jaynagar Ins. Madanapāla ..	19	14

Reasons have also been shown for doubting the reading of the dates of the following Inscriptions:

- (1) Barrackpur C.P. of Bijayasena Year 62,
- (2) Imadpur Inscriptions of Mahipāla Year 48,
- (3) Rajibpur Inscription of Gopāla 3rd Year 14.

2. D. N. MAJUMDAR.—*Racial Affiliation of the Gonds.*

In an earlier paper the author had discussed the tribal cultures of Bastar, Eastern States' Agency and suggested the intra-group racial distances in the area from a study of indefinite somatic traits. Since then anthropometric measurements of about 600 people were taken by the author and the statistical data were analysed with the help of the Statistical Laboratory, Calcutta. In the present paper, the author presents the results of the anthropometric survey of Bastar in a systematic way.

The native population of Bastar belong to the Gond group of tribes and the immigrants and foreigners who have settled down in the state appear to have freely mixed with the indigenes. A large section of the Gonds still living in the wild state have remained more or less isolated, as for example the Hill Marias, who have recently figured in an instructive monograph by W. V. Grigson (Oxford University Press). The social precedence in the State as is popularly understood there, is as follows:—(1) The Hill Marias, (2) The Marias of the Plateau otherwise known as Dandami Marias or Bison Head Marias, (3) Murias, (4) Parjas or Dhruvas, (5) Bhatras, (6) Gadabas, (7) Panora or Panra, (8) Sundris, (9) Kalhars, (10) Kewats, Kurukhs or Dhimars, (11) Halbas and (12) Dhakars. At the bottom of the social ladder are the Hill Marias while the Dhakars, form the top dressing on a solid aboriginal base.

Analysis of anthropometric data reveals a close correspondence between social units and racial status. The following conclusions have been drawn from the anthropometric survey of Bastar State. (1) The Gonds represent a blended racial type. (2) The higher castes, Dhakars and Halbas of Bastar have freely mixed with the Gond tribes in the neighbourhood, (3) The Hill Marias who are the most primitive cultural group in Bastar differ from the higher caste groups. (4) The Dandami Marias who were originally Hill Marias have come in closer contacts with the higher castes. (5) From a comparison of the head measurements, it appears that there is a progressive lengthening of the head towards the mountain regions.

3. (MRS.) E. W. E. MACFARLANE.—*Blood Groups among Balahis (weavers), Bhils, Korkus, and Mundas, with a note on Pardhis and Aboriginal Blood Types.*

The Balahis, lower caste weavers of the Nimar District, C.P., show more relationship, serologically with the Mahrattas, Rajputs, Jats, and Pathans west and north of them than with the Depressed Classes. They have the three main blood groups in equal proportions with a little more of Group A than of Group B.

The Bhils have high percentages of group B and AB and the highest frequency for gene B yet found in India. The Korkus and Bhils are very similar in blood group distribution and seem to belong to an undifferentiated population.

There is some resemblance between the Korku and the Toda blood group distributions. It is suggested that the Korkus and Bhils, even if descended from Mundari-speaking ancestry may have ancient affinities with the southern aborigines (Chenchus and Paniyans) from whom they differ serologically chiefly in possessing more B.

The Mundas of the Singbhum District, Behar, show the three main blood groups equally distributed, but they do not differ significantly serologically from the Santals who have more of B.

As the Mundari-speaking tribes migrated westward in India, they accumulated more of Group B, perhaps from an aboriginal people with southern affinities whose descendants now are represented in the Depressed Classes.

A few of the nomadic aboriginal Pardhis showed all three blood groups present and a marked variation in racial types.

Mundas and Bhils, in small samples, each show less of type M and more of type N than the general population of Bengal.

The Chairman called upon the following to make their communications:—

1. B. K. CHATTERJI.—*Some Peculiar Implements made of Tridacna Shell from the Nicobar Islands.*

(1) *A Combined Celt and Shovel.*

(2) *An ordinary Celt.*

These two implements were found by Mr. Scott in the Nicobar Islands and sent for examination by the Geological Survey of India. They were found along with certain fish-teeth. The general appearance of the two implements is like that of the Neolithic Celt but in their case they were made out of Tridacna shell, instead of stone. The implements No. 1 (P. R. 8263; 22341 (9)), is of special interest showing the ingenious

skill of the people in utilising the natural groove present on the ventral side of the shell for fashioning it as a shovel and using it for the combined uses of a Shovel and a Celt. Both the implements have got definite sharp ends, shafts, polished surface and elongated shape.

A similar Celt made of *Tridacna* shell along with mace-heads or shell bangles were found by Col. R. B. S. Sewell, in a grave in the Nicobar Islands together with some human skulls and are in the collections of the Anthropological Section of the Zoological Survey of India. The use of *Tridacna* shell for such purposes is not confined to the Nicobar Islands but is also found in other parts of Oceania (Micronesia).

2. B. PRASHAD.—*A Note on Fatawā-i-Alamgīri.*

The six volumes of the famous works on the *Shariat* law prepared under the orders of the Emperor Aurangzib were exhibited, and a short account of its preparation was given.

The Chairman announced the result of the ballot for election of Ordinary members and declared that both the candidates were duly elected.



SEPTEMBER

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 1st, at 5 P.M.

PRESENT

BAINI PRASHAD. ESQ., D.Sc., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B., Honorary Treasurer, in the Chair.

Members :

Ali, Mr. S. S.
Bose, Mr. J. N.
Chatterji, Mr. P. P.
De, Mr. J. C.
Ghosh, Mr. P. K.
Guha, Dr. B. S.
Haq, Prof. M. M.

Hora, Dr. S. L.
Hosain, Dr. M. H.
Majumdar, Mr. D. L.
Rahman, Prof. S. K.
Ray Chaudhuri, Prof. H. C.
Shastri, Pt. G. N.
Vedantatirtha, Mr. N.

Visitor :

Halim, Mr. M.

The minutes of the last meetings were read and confirmed.

The General Secretary announced receipt of the following six presentations of books, etc. which had been placed on the table for inspection:—

(1-4) From Government of India—Memoirs, Arch. Survey of India, No. 64', 'Index to the Annual Reports of the Director-General of Archaeology, 1919-29', 'Biruni's Picture of the World' and 'Memoirs, A.S.I., No. 63'.

(5) From the China Information Committee—'China after 4 years of War'.

(6) From Swami Sadananda—'Thailand'.

The General Secretary announced that the following four candidates would be balloted for as Ordinary Members:—

(22) *Spendlove, F. St. G. de*, c/o The Royal Ontario Museum of Archaeology, Toronto, S. Canada.

Proposer: B. S. Guha.

Seconder: J. C. De.

(23) *Jhunjhunwala, Bajaranglal*, Wheat and Linseed Broker, 244, Central Avenue, Calcutta.

Proposer: B. S. Guha.

Seconder: J. C. De.

(24) *Ratcliff, George Massey*, I.C.S., Legislative Secretary, Government of Bengal, c/o A. C. Hartley, Esq., I.C.S., District Magistrate, Howrah.

Proposer: L. R. Fawcett.

Seconder: B. S. Guha.

(25) *Banerjee, Sures Chandra*, M.A., Research Student, Dacca University, Zemindar, Murapara, Dacca.

Proposer: J. C. De.

Seconder: M. Hidayat Hosain.

The General Secretary announced the following loss of membership since the previous meeting by death:—

1. Poet Rabindranath Tagore (Special Anniversary Member, 1934).
2. T. P. Ghose (An Ordinary Member, 1912).
3. Maharajadhiraja Sir Bijay Chand Mahtab (An Ordinary Member, 1911).

The General Secretary announced the following loss of membership since the previous meeting by resignation:—

1. Sir George Campbell (An Ordinary Member, 1929).
2. Sir S. Radhakrishnan (An Ordinary Member, 1939).

The General Secretary announced that since the previous meeting there had been no lapses of election under Rule 9 and no withdrawals of any application.

The Chairman called upon the following to read his paper:—

1. L. S. DUGIN.—*The Kashfu-l-Mahjūb of Abū-l-Hasan 'Alī b. 'Uṣmān al-Jullābī*.

Up to about some thirty or forty years ago the *Kashfu-l-Mahjūb* and its author (more commonly known in India under

his posthumous title of *Dātā Ganj-bakhsh*) were not very widely known and attracted comparatively little attention: the known MSS. of the work were few and were reputed to be rare, of editions there existed only one Indian lithograph not very easily obtainable, but no translation or critical edition whatsoever. The almost simultaneous coming to light of more MSS. (the RASB possesses five of them), the appearance of several Eastern lithographs of the work, and, last but not least, of the English translation by *Nicholson* and of the critical edition by *Zhukovsky* broke the spell and reawakened the interest for that oldest manual on *Ṣufiyism* in Persian and for its author.

Several questions as to the more exact time of its composition, the exact date of its author's death, the peculiarities of the language in which the work is written, etc. arose in that connexion.

In the article a general survey of the materials published is made, together with an attempt at solving some of the above questions or proving the impossibility of answering them on the strength of data so far available.

The Chairman called upon the following to make their communications:—

1. S. L. HORA.—*Races and Varieties of Himalayan Mahseer.*

Mahseer or the Large-scaled Barbel of India is the most famous Game Fish of the country and several books have been written on its sporting qualities. Though anglers have long been familiar with the fact that several races and varieties of this fish exist in Indian waters, the scientists, following the lead of Day, have hitherto grouped them into a single species, *Barbus tor* (Hamilton). Attempt has recently been made to study very critically the material of this species in the collection of the Zoological Survey of India with the result that at least four kinds can now be recognised from the Himalayan waters on definite morphological characters. The distinguishing features of the four species will be discussed and attention will be directed to the great variation in colouration observed in each species. Reference will also be made to the occurrence of Black Mahseer and the probable causes that are believed to be responsible for melanism in fishes.

2. M. HIDAYAT HOSAIN.—*The Persian Histories of the Carnatic.*

The sources in Persian for the History of the Carnatic during the seventeenth and eighteenth centuries are not many. Attention may however be drawn to fourteen of these, of which the following may be mentioned:—

- (1) Sa'īd Nāma by Jaswant Rāi dealing with the history of Sa'ādat Allāh Khān.

- (2) Anwar Nāma celebrating the exploits of Nawāb Anwar Khān by Mīr Ismā'il 'Alī Khān poetically known as Abjadī, and
 (3) 'Azīm at-Tawārikh by Muḥammad Sibghat Allāh Muftī.

3. BAINI PRASHAD.—*On a rare Persian MS. in the Library of the Royal Asiatic Society of Bengal.*

The Chairman announced the result of the ballot for election of Ordinary Members and declared that all candidates had been duly elected.



NOVEMBER

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 3rd, at 5 P.M.

PRESENT

C. S. Fox, Esq., D.Sc., M.I.Min.E., F.G.S., F.N.I., F.R.A.S.B., Vice-President, in the Chair.

Members :

Agharkar, Dr. S. P.	Guha, Dr. B. S.
Asadullah, Khan Bahadur K. M.	Haq, Prof. M. M.
Bagchi, Dr. K. N.	Hosain, Dr. M. H.
Brown, Mr. Percy	Nag, Dr. K.
Chatterji, Mr. B. C.	Prashad, Dr. B.
Chatterji, Mr. P. P.	Siddiqi, Dr. M. Z.
Ghosh, Mr. P. K.	Vedantatirtha, Mr. N.

Visitors :

Brown, Mrs. P.	Datta, Mr. J. M.
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The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following fifty-nine presentations of books, etc. which had been placed on the table for inspection:—

(1-2) From Government Oriental MSS. Library, Madras—'Descriptive Catal. of Telegu', and 'Descriptive Catal. of Malayalam MSS.'.

(3) From Bhandarkar Oriental Res. Institute—'Mahabharata fasc., XI'.

(4-34) From the Government of Travancore—'Trivandrum Sanskrit Series Nos. 114 to 144'.

(35) From Dr. B. Bhattacharya—'Sakti-Sangama-Tantra, Vol. 2'.

(36) From Pt. N. C. Vedantatirtha—'Nyaya-Darsana-Itihasa'.

(37) From Baron O. R. Ehrenfels—'Mother-Right in India'.

(38-39) From Government of Madras—'Manilla Consulations, Vols. 1 and 2'.

(40-42) From Trustees of Parsi Panchayet, Bombay—'Barshold's Iran', 'Collection of Colophons, etc. Zoroastrianism', 'Parsis-Eugenies'.

(43) From Government of Madras—'Letters from Fort St. George, Vol. 39'.

(44) From P. C. Dharma, Esq.—'The Ramayana Polity'.

(45) From Messrs. Mohd. Ismail Maula Bux—'Religion of Islam'.

(46-47) From Government of India—'Hymenoptera, Vol. III, pt. 1'. 'Mallusca, Vol. III'.

(48-49) From Bhandarkar Oriental Res. Institute—'History of Dharmasastra', Vol. 2, parts 1-2.

(50-55) From Dr. E. S. Kirby—'Business Forecasting', 'The 1,000 Indias', 'Yoga', 'Prospects of Indian Trade with the U.S.A. of America'. 'Studies of Indian Economic issued by the office of the Economic Adviser. 1st Series, Aspects of the Indian Tariff No. 1', 'Kuo Huo, Nos. 6-8'.

(56-57) From Pt. N. C. Vedantatirtha—'Introduction to the Vaisesika System', 'Introduction to the Advaita Vedanta System'.

(58-59) From the Calcutta University—'Public Administration in India', 'International Law and Custom in Ancient India'.

The General Secretary announced that the following candidate would be balloted for as an Ordinary Member:—

(26) *Reynolds, Herman M.*, M.A., B.D., Missionary, Pendra Road, C.P.

Proposer: Walter G. Griffiths.

Seconder: B. S. Guha.

The General Secretary announced that since the previous meeting there had been no loss of membership either by death or by resignation.

The General Secretary announced the following lapses of election under Rule 9:—

1. The Revd. H. P. Judd	elected on 4-11-1940.
2. T. T. S. Mayley	.. 4-11-1940.
3. Dr. A. B. M. Habibullah	.. 4-11-1940.
4. Dr. N. P. Mukherjee	.. 4-11-1940.
5. Pt. Kedarnath Sahityabhusana	.. 2-12-1940.
6. G. R. Genge	.. 2-12-1940.
7. Dr. A. F. M. Khalilur Rahman	.. 2-12-1940.
8. Maulbi Syed Kasim Hasan Rizvi	.. 3- 2-1941.
9. Manzoor Hasan	.. 3- 3-1941.
10. Mannay Venkat Laxmiah	.. 2- 6-1941.
11. Dr. A. Husen	.. 2- 6-1941.
12. Major Thomas Welbourne	.. 7- 7-1941.

The General Secretary announced that since the previous meeting there had been no withdrawals of any application.

The Chairman called upon the following to read his paper:—

1. P. L. MISRA.—*Observations on an Intestinal Flagellate, TETRATRICHOMASTIX HEGNERI. sp. nov., from the 'Skipping Frog' RANA LIMNOCHARIS Meig.*

Introduction. Material and methods. Observations on *Tetratrichomastix hegneri*, sp. nov. Previous work. Systematic position. Summary. Acknowledgments. References.

The Chairman called upon the following to comment upon his exhibit:—

1. KALIDAS NAG.—‘*Interesting exhibits from the Society’s Archives*’.

The Chairman called upon the following to make his communication:—

1. BAINI PRASHAD.—‘*Account of Delhi in the Maathir-ul-Umara*’.

The Chairman announced the result of the ballot for the election of an Ordinary Member and declared that the candidate had been duly elected.



DECEMBER

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 1st, at 5 P.M.

PRESENT

C. S. Fox, Esq., D.Sc., M.I.Min.E., F.G.S., F.N.I., F.R.A.S.B., Vice-President, in the Chair.

Members :

Asadullah, Khan Bahadur K. M.
Biswas, Dr. K.
Chatterjee, Mr. B. C.
Chatterjee, Mr. P. P.
Chopra, Dr. B. N.
Das-Gupta, Mr. C. C.
De, Mr. J. C.
Griffiths, Dr. W. G.

Guha, Dr. B. S.
Gurner, Mr. C. W.
Haq, Prof. M. M.
Hora, Dr. S. L.
Prashad, Dr. B.
Rahman, Mr. S. K.
Ratcliff, Mr. G. M.
Siddiqi, Dr. M. Z.

Visitors :

Hafiz, Mr. H. A.
Hosain, Mr. S. W.

Mukherjee, Mr. S. K.
Rezvi, Mr. T.

The Chairman announced the death of Shams-ul-Ulama Dr. M. Hidayat Hosain, a Life Member, since 1911, Ordinary Fellow, and past Joint Philological Secretary from 1925–1939, on 27th November 1941, after which an obituary notice was read by Dr. Baini Prashad (see page 204).

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following six presentations of books, etc. which had been placed on the table for inspection:—

- (1) From the Adyar Library—'Rajadharma'.
- (2) From the Government of Madras—'Records of Fort St. George, 1752-53, Vol. 33'.
- (3) From the Government of Madras—Records of Fort St. George, Vol. 37'.
- (4) From S. D. Atkins, Esq.—'Pusan in the Rig Veda'.
- (5) From C. L. Jain, Esq.—'Srimat Rajacandra'.
- (6) From Oriental Library, Mysore—'Tattvamuktakalapa'.

The General Secretary announced that the following four candidates would be balloted as Ordinary Members:—

(27) *Ewart, Douglas J.*, Missionary, Westminster Hostel, Rajshahi, Bengal.

Proposer: B. S. Guha.
 Seconder: C. W. Gurner.

(28) *Inghalls, Daniel Henry Holmes*, M.A. (Harvard), Junior Fellow of Society of Fellows, Harvard University, 2/7, Lansdowne Road, Calcutta.

Proposer: C. W. Gurner.
 Seconder: B. S. Guha.

(29) *Majumdar, Dharendra Nath*, M.A., Lecturer in Anthropology, Lucknow University, Lucknow.

Proposer: B. S. Guha.
 Seconder: J. C. De.

(30) *Grant, John B.*, (Doctor), M.D., M.P.H., F.A.P.H.A., Director, All-India Institute of Hygiene and Public Health, 110, Chittaranjan Avenue, Calcutta.

Proposer: B. S. Guha.
 Seconder: J. C. De.

The General Secretary announced the following loss of membership since the previous meeting by death:—

1. Dr. M. E. Sufi (An Ordinary Member, 1937).
2. Dr. M. Hidayat Hosain (An Ordinary Fellow 1925, and Life Member, 1911).

The General Secretary announced that since the last meeting there had been no loss of membership by resignation, and no lapses of election under Rule 9, nor withdrawals of any application.

In accordance with Rule 40, the General Secretary reported that the names of the following eleven Ordinary Members would be removed from the next membership list of the Society:—

- | | |
|---------------------------|-------------------------------|
| 1. P. N. Banerjee. | 7. Jaipal Singh. |
| 2. H. Crookshank. | 8. Prof. G. Tucci. |
| 3. A. H. Harley. | 9. T. Williams. |
| 4. L. E. Harris. | 10. Rai Bahadur S. K. Bhuyan. |
| 5. Major M. F. C. Martin. | 11. C. C. Calder. |
| 6. Dr. H. Richter. | |

The General Secretary reported that in accordance with Rules 37 and 38, the names of the following nine Ordinary Members would be suspended as defaulters within the Society's building for the period of one month, to be removed from the Society's registers for non-payment unless the amount due be paid before the next Ordinary Monthly Meeting:—

1. Jamaluddin Ahmed	..	..	Rs. 96
2. A. F. M. Abdul Kadir	..	..	78
3. Prof. P. R. Awati	..	..	61-8
4. N. C. Bhattacharya	..	..	66
5. Bimal Ch. Ghosh	..	..	90
6. Nirmal K. Jain	..	..	66
7. Rezaur Rahman Khan	..	..	108
8. Kaviraj Bimalananda Tarkatirtha	..	..	99
9. Prof. C. W. Tressler	..	..	72

In accordance with Rule 48(d) the General Secretary reported for confirmation by the meeting the following resolution passed by the Council in its last meeting:—

‘From the 1st December, 1941, Mr. J. C. De, the Assistant Secretary, be placed in charge of the Library of the Society on his present terms and designation; and Mr. P. O. Matthai, the Librarian, be appointed as Superintendent of the office on his own salary and that he shall perform all duties now performed by Mr. De. This arrangement will be on an experimental basis for six months for the present and does not involve any additional charge on the Society's funds.’

Order: Confirm.

The Chairman announced the result of the ballot for the election of Ordinary Members and declared that all the candidates had been duly elected.

After the transaction of formal business the meeting was adjourned as a token of respect to the memory of the late Khan Bahadur Dr. Hosain.

OBITUARY NOTICES

SIR J. J. THOMSON

(1856-1940)

With the death of Sir J. J. Thomson is removed from the world of Science, the last of the line of British Physicists like Kelvin, Stoker and Maxwell, all of whom took experimental research after receiving their early training in mathematical Physics.

Joseph John Thomson was born on December 18, 1856, in Cheetham, a suburb of Manchester. His father intended to make an Engineer of him and with that end in view he was admitted at the age of 14 to the Owen's College which subsequently became the University of Manchester. There, young Thomson had the unique opportunity of studying under eminent scientists like Osborne Reynolds in Engineering, Balfour Stewart in Physics, William Roscoe in Chemistry. While a student, he lost his father and at this on account of the family circumstances the idea of his ever joining an engineering firm was entirely abandoned, and he continued his studies in pure Science at the same college.

From there, Thomson joined the Trinity College in 1876. He sat for the Mathematical Tripos in 1880 and came out as second Wrangler, Sir Joseph Larmor being the senior for that year.

Even while at Manchester, young Thomson undertook a certain amount of research work and took to experimental and theoretical investigations with whole-hearted devotion after getting his B.A. degree in 1880. At this time he began his famous work on the motion of charged particles and the theory of electromagnetic origin of mass. This fundamental research was the starting point of a number of important investigations by Abraham, Heaviside and others on the variation of effective mass of the electron with velocity and of the experimental testing of these theories by Kaufmann, Bucherer and others. The consequence of these investigations was the formulation of the electromagnetic theory of matter—a theory proved untenable by later investigations.

In 1884, at the age of 27, Thomson was elected a Fellow of the Royal Society and the same year he succeeded Lord Rayleigh as Cavendish Professor of Experimental Physics in the University of Cambridge. This post he held till 1918 when he was made

Master of Trinity College. His early age was the subject of some caustic comments by older members of the University, one of whom remarked that times had come when mere boys were being appointed to University Chairs.

As Cavendish Professor, Thomson started investigations on the phenomena of discharge of electricity through gases from which he passed on, at about 1895, to his works on the cathode rays, the phenomena of gaseous ionization and conduction, and the properties of positive rays. These researches are embodied in his famous book, 'Conduction of Electricity through Gases' and it is for these investigations that he got the Nobel Prize in 1906.

From the study of positive rays he devised the famous parabolic method of focussing charged particles having the same value for the ratio e/m . The method has since been considerably improved by Aston for determining atomic masses.

In 1918, he resigned his Cavendish professorship when Rutherford was elected to succeed him but he still continued to work in the laboratory.

In 1936, his last and the interesting work 'Recollections and Reflexions' was published. Those who are familiar with the pre-war days of Cambridge will find considerable interest in these reminiscences.

Such was the man whose loss to the scientific world we are mourning. All his life, he worked devotedly to the cause of Science and it is justly said that his works were of the pioneer type. He was interested more in the discovery of new phenomena rather than in the complete and accurate survey of a limited region.

Sir J. J. Thomson is survived by a daughter and a son Prof. G. P. Thomson, also a Nobel Laureate and the worthy son of the worthy father.

M. N. SAHA.

(Read in the Ordinary Monthly Meeting of 6th January, 1941.)

SIR GEORGE ABRAHAM GRIERSON

(1851-1941)

A unique personality in the domain of Indological Studies, with special reference to the linguistic science, has been joined to the majority last March by the death of Sir George Abraham Grierson at the ripe old age of ninety. For more than a generation, Sir George Grierson, living in his studious retirement at Camberley in Surrey, has been universally respected as the great Director of the *Linguistic Survey of India*, the *doyen* of

Indian Linguistics. If not the founder of and the first worker in the Linguistics of the Modern Languages of India, Sir George was one of the first investigators in the subject, and his has been so far the greatest name in this branch of the Science; and it will certainly continue to be so, at least among the first generation of workers who distinguished themselves in it. For over seventy years, from 1868 when he first began to read Sanskrit and Hindustani in Dublin, he was connected with the study of Indian languages; and these seventy years and more have been most fruitful in the results achieved by this silent explorer in the uncharted lands which were the modern Indian languages and dialects.

Sir George Grierson was born near Dublin in 1851 and was educated at Shrewsbury and in the Universities of Dublin and Cambridge and Halle in Germany where he had a brilliant career. He entered the Indian Civil Service and came out to India in 1873, and from the beginning he took up Indian languages—the Indo-Aryan ones at first—as the chosen subject of his studies. From 1873 to 1888, during which years he worked as a civilian, as district magistrate, school inspector and opium agent in ‘the Lower Provinces of Bengal’ (which included in those days Bengal Proper, Bihar and Orissa), he devoted all his spare time outside of his usually strenuous official duties in making an intensive study of the ancient and medieval forms of the Aryan speech in India—Sanskrit and the Prakrits and the earlier Hindi, Bihari and Bengali literatures—besides a host of the modern languages and dialects, making special efforts to get at the genuine dialects of the country folk and their popular literature in the districts in which he was posted. All this was in preparation for his great life work, the *Linguistic Survey of India*; but it was during these years that he brought out some of the most significant things on Modern Indian languages and literatures. Long before the *Bangiya Sahitya Parishad*—the Academy of Bengali Literature—was conceived, Sir George anticipated its work by collecting from North Bengal a number of folk songs and poems, with a sketch of the Rangpur dialect of Bengali (published in the *Journal of the Asiatic Society of Bengal*, 1877, Vol. I, No. 3, pp. 186–226) and the story of Raja Gopicandra (published in the same Journal, 1878, Vol. I, No. 3, pp. 135–238), with the Bengali texts in Devanagari characters and with English translations. The *Bangiya Sahitya Parishad* was founded more than twenty years after, and this body has since distinguished itself as a National Academy of Bengali Letters and Philology by publishing early Bengali texts and popular literature, and the pioneer work of Sir George in this line was gratefully recognised by the Parishad when it made him one of its honorary members some years ago. From 1883 onwards he began to investigate the dialects of Bihar, and during 1883–1887 he published his important *Seven Grammars of the Dialects and Sub-dialects of the*

Bihari Language in which he demonstrated clearly the position of the three speeches of Bihar, *viz.*, Maithili, Magahi and Bhojpuri, with regard to their sisters and consins of the Indo-Aryan Speech-group. His *Bihar Peasant Life, being a Discursive Catalogue of the Surroundings of the People of that Province* (1888) is a big volume giving a unique collection of rural words, in the setting of an interesting descriptive framework, invaluable for linguisticians and ethnologists alike. Before this, he had brought out his *Maithili Grammar* with a Chrestomathy and Vocabulary as an extra number of the *Journal of the Asiatic Society of Bengal*, in the year 1880; and in this book he published the first collection of the poems of Vidyapati, the greatest poet of Mithila or North Bihar (c. 1400 A.D.), obtained from places where they were still current.

The International Congress of Orientalists held at Vienna in 1886 represented to the Government of India the necessity of having a *Linguistic Survey of India*, and on this representation the *Survey* was instituted in 1888, with Grierson as its Director. From 1888 to 1903 Grierson gathered and prepared his materials for the *Survey* in India, and during the nineties of the last century while still in India he published some of his most noteworthy articles and papers, on the Bihar dialects, on Eastern Hindi and Western Hindi, and on Kashmiri. He also published his important monograph on the *Phonology of the Modern Indo-Aryan Vernaculars* in the *Journal of the German Oriental Society* (1895-96), which alone would have placed him on a level with Beames, Bhandarkar and Hoernle as the founders of the historical grammar of New Indo-Aryan.

Sir George Grierson left India in 1903, and from that year onwards began to be published the volumes of the *Linguistic Survey of India*. The twenty-one volumes of this great work form not only a mine of information about most of the languages and dialects of the sub-continent of India (which have been numbered and scheduled with very great care in the *Survey*, running up to 179 languages and 544 dialects, taking all minutiae of detail)—about the speeches of one-fifth of the human race—but also embody the findings of historical and comparative grammar regarding the correct placing of these speeches with regard to each other. The *Survey* is a unique thing of its kind, and nothing like this has been attempted or accomplished in any other polyglot country. What looked like a vast jungle growth of uneducated dialects and local forms of *patois*, which acknowledged either a vague or a clear allegiance to some standard form of literary speech, has been surveyed, and paths have been discovered and made in the trackless wastes: what was previously unintelligible has been grasped in its true significance.

Thanks to the comprehensive vision and attention to every detail which its Director possessed, the *Survey* has drawn the linguistic map of India as surely and certainly as any such map

can be drawn. In this way it has given an inestimable indication of the social, ethnological and cultural past of the country, which no historian and anthropologist, sociologist and administrator, and social worker and politician can afford to neglect.

In India itself, although the Science of Phonetics and Grammar developed very early, there has never been much study of the actual spoken forms of the language. The literary tradition has always been very strong in India, and consequently a strong spirit of conservatism which preferred the older or archaic form of a speech to its actual living form has always interfered with proper justice being done to the spoken language, whether in literature or in linguistic studies. The spoken forms, as in most other communities outside India possessing a strong literary tradition, have generally been neglected as 'vulgar'. Buddha gave his great charter to the spoken dialects of man by commanding that his discourses were to be studied by men in their own tongues. But the Sanskrit tradition was too powerful. It is only in the inscriptions of Asoka (3rd century B.C.) that anything like a faithful representation of the local dialects (of the South-West, of the North-West, of the North Centre and of the East) are found; and even here the official language which was of the East is found to have influenced the other local dialects. From the 3rd century B.C. to the 20th century A.D. is indeed a long period of time. Yet it is only in the *Linguistic Survey of India* of George Abraham Grierson that we find modern science and scientific curiosity achieving what Asoka's secretariat (the direction doubtless was from the emperor, inspired no doubt by what Buddha himself had enjoined) did as a matter of convenience and policy in giving out the injunctions and the admonitions of the King to his people in their own dialects. The completion of the *Linguistic Survey* marks an epoch in the cultural history of India; and it forms one of the best fruits of the British connexion with India. Science here has become the great golden link joining the rulers and the ruled. On the termination, so far as Sir George Grierson's labours were concerned, of the *Linguistic Survey*, he was given the Order of Merit by the Government in recognition of his valuable scientific labours. He was already knighted in 1912. A final volume remains to be done—a Comparative Dictionary of the Indo-Aryan languages, and that has been taken up by another great British scholar of Indo-Aryan linguistics, and one of the greatest in the field, Dr. R. L. Turner.

The number of Sir George's monographs on different aspects of Aryan linguistics in India is legion, and it is not necessary to catalogue and appraise them here. But mention must be made of his work in connexion with Kashmiri. Kashmiri, a language belonging to the *Dardic* group of Aryan—a group which Grierson himself has placed as an intermediate one between the Iranian and the Indo-Aryan (although other scholars incline to look up

it as a member of the Indo-Aryan group and not as an independent group);—has a fairly old literature, and it is the most cultivated of the Dardic speeches. Grierson's series of papers on Kashmiri grammar were culminated by his great *Kashmiri Dictionary*, of over 1,300 quarto pages which was completed some ten years ago as a publication of the Asiatic Society of Bengal. He had also written a handy *Kashmiri Manual* in two parts which is one of the best hand-books of a language known. Further, he edited some Kashmiri texts under the auspices of both our Society and the Royal Asiatic Society of Great Britain and Ireland.

Sir George Grierson was no dry-as-dust linguist or linguistician; he was a lover of literature, and had the soul of a literary connoisseur. His appreciation of Tulasidasa is a well-known monograph in connexion with the greatest of the medieval North Indian poets. He also brought out in collaboration with Mahamahopadhyaya Sudhakara Dvivedi an edition (which could not be completed) of the Early Awadhi narrative and mystic poem the *Padmāvatī* of Malik Muhammad Jayasi, with a Hindi commentary from his collaborator. Mention may also be made of his fine edition of another great classic of Early Hindi—the *Satsaiyā* of Bihari Lal, a highly ornate and poetic composition in the Braj-bhakha dialect; and his *Vernacular Literature of Hindustan*, which first appeared in the *Journal of the Asiatic Society of Bengal* (1889), is an indispensable compendium of the literature of North India in the various dialects which have accepted the standard High Hindi Speech as their literary form.

Sir George Abraham Grierson was one of the giants, so to say, in his special subject: and he has accumulated, sorted, and arranged, and in this way left for posterity, a mass of material the value of which will never be diminished. His *forte* was Indo-Aryan, and Dardic: and for the non-Aryan languages of India he was fortunate in having some very competent colleagues and collaborators, pre-eminent among whom has been Dr. Sten Konow, the Norwegian Orientalist and Indologist, who was responsible for the volume on the Kol (Munda) and Dravidian languages in the *Linguistic Survey*. But it was Grierson's spirit and execution that co-ordinated everything. A mass of scattered materials on the various insignificant and recondite dialects of the Sino-Tibetan or Tibeto-Chinese family as found in the North-eastern part of India—in the Valleys of Nepal and the inaccessible hills of Assam and the Indo-Burman border-country—was brought in order, and something like a clear pathway was traced in the intricate tropical jungle of languages and dialects that is presented by the Tibeto-Burman and Sino-Chinese groups of speeches in India and Burma: and this was the work not of a specialist in Sino-Tibetan, but of one who had established Indo-Aryan linguistics in its present position. The

Mon-Khmer speeches were similarly studied by Grierson, although here the complications did not present the same hopeless tangle as in the case of Sino-Tibetan.

Grierson the *Scholar* will live for ever in the pages of Science, particularly in Indian Linguistics and Indian Literature. Grierson the *Man*, however, was no less worthy of esteem and affection. His career as that of an I.C.S. officer and then of a scholar working in his retirement has on the whole been unexciting and comparatively uneventful—barring, of course, the thrills that science and scientific discovery bring to every scholar. In his personality, with which the present writer had some opportunity of coming into close contact, he was singularly affable,—courteous and dignified, sympathetic and helpful, and free from the slightest trace of artificiality or hauteur: a personality which evoked respect and love at the same time, and a spirit of devoted collaboration. For some thirty years, Sir George was helped with a rare devotion to his work by his principal assistant, Mr. E. H. Hall, who was trained by Grierson himself,—a remarkably unostentatious and unassuming scholar (whose acquaintance also I was privileged to make in Grierson's residence) who was practically Grierson's right-hand man in bringing out the *Linguistic Survey* and to whose qualities and services Grierson bears ample testimony in the peroration to the concluding volume—which is now the Introductory one—of the *Linguistic Survey*. I made Grierson's acquaintance in 1919 as a student of Indian Linguistics in England, and our first meeting was in connexion with the readings in a MS. of a Prakrit grammar; and some little suggestions of mine were appreciated and warmly praised by Grierson, and this was the beginning of the very rare privilege I had of becoming, if not his pupil officially, at least something of a *chela* to one whom I regarded as one of my *gurus* in the science. I recall with a melancholy pleasure the several visits I paid to Camberley, and the great hospitality I received from both Sir George and Lady Grierson (Lady Grierson, so full of kindness and dignity and motherliness, would be with us during lunch and tea, and would talk about things Indian and European, and she would show me the beautiful prospect of hill and down from her garden which she called her 'Himalaya View', recalling Simla and Darjeeling). I had the run of his vast library, and the benefit of his immense scholarship. He was, while I stayed in England, and subsequently also, my friend, philosopher, and guide—and my great patron as well. During one Christmas week in London, he wrote to me from Camberley to see some English pantomimes and Christmas plays, and reminded me that 'all work and no play made Jack a dull boy'. He helped me, after an examination of my claims for that privilege, to obtain permission of the University authorities of London to proceed straight to D.Lit. examination without my being required to pass the M.A. or the Ph.D. as a preliminary qualifica-

tion. After I was awarded my degree, Sir George very carefully read through my thesis, making corrections and adding suggestions before it was rewritten for the press (a kindness which Prof. Jules Bloch of Paris, who was another *guru* of mine in the subject, also extended to my thesis later); and when it was finally published under the auspices of the University of Calcutta as the *Origin and Development of the Bengali language*, Sir George contributed the Preface. Since my return to India in 1922, I was in correspondence with him off and on, and it was always an honour to be favoured by him with a reprint, and with an occasional query in a matter in which he thought I might be helpful. He made a *bakhshish* to me of all the volumes of the *Linguistic Survey*, which remains for me a precious possession for ever. It is a thousand pities for me that during my two subsequent visits to England in 1935 and 1938 it was not possible for me to come up to Camberley and pay my personal respects to him, as his doctors advised him complete rest after two severe fits of illness on both occasions; he was in very fading health, and the doctors' injunctions were dutifully obeyed by me.

Sir George Grierson's connexion with the (Royal) Asiatic Society of Bengal which began after his arrival in Calcutta on 15th November 1876, was long and intimate. The Society's Journal was the main *venue* for the publication of his articles up to the time he left India, and besides the Society published some substantial works by him, including the *Kashmiri Dictionary*. He was in the Council of the Society for the first time in 1893, as one of the Secretaries, and was made an Honorary Fellow in 1904. A terra-cotta bust of Sir George Grierson by the Italian Sculptor, A. Marzollo, is in the collection of the Society. The Council of the Society had it made in 1932 to commemorate the completion of his *Kashmiri Dictionary*.

With his genuine love for the Indian people and his sincere appreciation of the deeper elements in Indian culture, Sir George Grierson has helped the Indian people to know itself in that most important expression of its culture, namely, its language. That is why his memory deserves to be respected and cherished by all Indians.

This opportunity I now take to present to the memory of George Abraham Grierson, as father of Linguistic Studies in India during the present age, our respectful and affectionate homage, on behalf of students of Indian Linguistics, Indians and others, both living and yet to come; and as a great humanist who loved man and loved the people of India, and who by his scientific work was a bond of union between two continents. May his name grow greater and greater, an inspiration for all time.

SUNITI KUMAR CHATTERJI.

(Read in the Ordinary Monthly Meeting of 5th May, 1941.)

GURU SADAY DUTT

(1882-1941)

The unexpected death of Mr. G. S. Dutt, just after his recent retirement from the Indian Civil Service and when he was free to devote his full energy to nation building activities, creates a gap in the ranks of India's foremost sons, which is hard to fill up. Mr. Dutt will be remembered with gratitude by posterity as the founder of the Saroj Nalini Association and of the Bratachari Movement. The former is a women's social service and education centre founded in memory of his wife, who died some 16 years ago, and has now 400 branches in Bengal and other provinces. The Bratachari Movement is an expression of his intense love for country.

While in charge of districts, in course of his tours in rural areas, he was struck by the simple decorative art practised in the village homestead of Bengal. Gradually after a painstaking search and enquiry a large amount of material embodying rural arts and crafts was collected by him and in 1931 he organised Rural Heritage Preservation Society of Bengal, which had for its principal object the revival and preservation of folk songs, folk dances and folk literature of Bengal as well as of its rural fine arts. The Bratachari Movement in its present form was started in 1932. This Movement has served as a very useful vehicle for imparting physical education and love for the country to the adolescent and the adult alike through social work, dance-drills and active contact with the life of the people, on which the scheme lays emphasis. Mr. Dutt had dreams of extending his movement on wider lines, and he acquired for the Bratachari Society a very big plot near Calcutta for a permanent training centre but the cruel hands of death has snatched him away while he was in a position to devote the whole of his dynamic energy to this self-imposed task.

Mr. Guru Saday Dutt was born in 1882 at Birasri, in the district of Sylhet in Assam. After passing the Intermediate Examination of Calcutta University in which he secured the first place, Mr. Dutt proceeded to England where he qualified for the Indian Civil Service in 1904. He was at the Emmanuel College at Cambridge for a year and came out at the end of 1905 to join his appointment. At the end of 1929 while posted at Mymensingh as district magistrate and collector, he inaugurated a movement for village reconstruction. He did not rest with merely drawing up of the programme, but axe in hand, he led parties to cut down insanitary jungles and trees in villages and to re-excavate silted-up channels. He was a pioneer in this line and he identified himself completely with the ordinary people. His example made these humble works fashionable for the 'Bhadralog' class who are now following them up with great zeal and earnestness.

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Mr. Dutt's vision did not fly off the realities of his surroundings and he did not spare himself manual labour to execute his plans. He devised his schemes with such humble beginnings that little jerk was put to the people whose help he sought in their execution. He has always progressed step by step and there was no ostentation in his methods. His museum of folk art and crafts and his Bratachari Movement bear testimony to his characteristic methods. The Saroj Nalini Association for Women is a monument of his powerful organisational abilities. It is very rare to find high officials utilising their office and the attendant influence for the social and cultural uplift through their personal contact. But people of the districts of which he held charge remember him more as one of them rather than as an upright civilian administering law and order, and living in dignified seclusion.

In 1929 Mr. Dutt made an extensive tour in Europe and at the meeting of the General Assembly of the International Institute of Agriculture at Rome headed the Indian delegation representing the Government of India. He also attended the World Adult Education Conference at Cambridge in 1929 as an Indian delegate.

He retired early this year as Secretary to the Government of Bengal in the department of Local Self-Government and Public Health. On account of his independence and initiative which are supposed to interfere with bureaucratic administrative methods, he was never a *persona grata* with the Government and he was not appointed to higher posts, and was not a recipient of any official 'honours'.

M. N. SAHA.

(Read in the Ordinary Monthly Meeting of 4th August, 1941.)

SHAMS'UL-'ULAMĀ' KHĀN BAHĀDUR MUHAMMAD
HIDĀYAT HOSAIN

(1887-1941)

Shams'ul-'Ulamā' Khān Bahādur M. Hidāyat Hosain was born in June 1887. His father, Maulvī Wilāyat Hosain, was a well-known Arabic and Persian scholar and like his distinguished son was connected with the Asiatic Society of Bengal: he prepared for the *Bibliotheca Indica* series of the Society the text of Shams-i-Sirāj 'Afif's *Tārīkh-i-Firūzshāhī* which was published during 1888-91. Hidāyat Hosain was educated at home and in the Calcutta Madrasa and obtained a 1st Class in the Final Madrasa Examination, topping the list of the successful

candidates. In 1903 he was appointed as the Travelling Maulvi on the staff of the Asiatic Society of Bengal for collecting manuscripts for the Arabic and Persian Section of the Library of the Society and continued in this post till October 1908 when he was appointed Lecturer in Arabic and Persian in the Presidency College, Calcutta. In July 1914 he was appointed Professor of Arabic and Persian in the same institution and continued in this post till July 1928 when he was transferred as the Principal of his *Alma Mater*, the Calcutta Madrassa; this post he held till his retirement from Government Service in 1935. On his retirement from the Calcutta Madrassa he again made the Society's rooms as his headquarters, and in view of his special experience and qualifications was entrusted with the very important work of preparing detailed descriptive catalogues of the extensive collections of Arabic and Persian manuscripts in the Society's Library. He carried on this work with great zeal and enthusiasm till his sudden death on November 27th. 1941.

He joined the Royal Asiatic Society of Bengal in 1911 as an Ordinary Member, and later became a Life Member. He was elected an Ordinary Fellow of the Society and a member of its Council in the Annual Meeting of 1925. The same year he was appointed as the Joint Philological Secretary of the Society and continued in this capacity till 1939. Throughout this long period of his close association with the Society he showed a keen interest in its welfare and activities, particularly in the Arabic and Persian Section. He contributed several learned papers which were published in the *Journal* and *Memoirs* of the Society and edited a number of important Persian and Arabic works relating to Islamic culture and Indian history for the *Bibliotheca Indica* series. In addition he prepared a Catalogue of the Manuscripts of the Buhar Collection in the Imperial Library (Vol. II, in 1933) and was the author of several learned articles in the *Encyclopaedia of Islam*.

Shams'ul-'Ulamā' Hidāyat Ḥosain, though he was educated in the Calcutta Madrassa, came into very close contact with Sir E. Denison Ross, who was the Joint Philological Secretary of the Society, on his appointment as the Travelling Maulvi in 1903, and it was under the influence of this great scholar that he imbibed the true spirit of research along Western lines. He often used to say that his success in life was due to the inspiring influence of, and his close association with, Sir Denison Ross in the early years of his life.

Shams'ul-'Ulamā' Hidāyat Ḥosain was a well-known figure in Calcutta and was connected with the work of a number of charitable institutions of the city, among which may be mentioned the District Charitable Society and the Society for the Protection of Children in India. He was a well-known scholar of Mohammedan Law, and intricate questions relating to the

Hadīth were often referred to him by the Government. He was a man of culture and refinement, endowed with many qualities of head and heart, and above all a gentleman in the true sense of the word. He was always ready to help young workers in every possible way. His services to the cause of education were recognised by the Government by the grant of the titles of *Khān Bahādūr* and *Shams'ul-'Ulamā'*.

Shams'ul-'Ulamā' Hidāyat Hosain's sudden death has left a void in the circle of Arabic and Persian scholars of Calcutta, if not of the whole of India, and his loss to the Society is irreparable.

May his Soul rest in peace!

BAINI PRASHAD.

(*Read in the Ordinary Monthly Meeting of 1st December, 1941.*)

PROFESSOR C. R. LANMAN

(1850-1941)

On February 20, 1941, passed away Prof. Charles Rockwell Lanman at the ripe age of 90. Born on July 8, 1850, he graduated from Yale University in 1871 and won his Ph.D. in 1873 for comparative studies on Sanskrit and Greek. We worked for four years (1873-1876) at Berlin and Tübingen, under Dr. Roth and Prof. Curtins. On return he was recruited by the Johns Hopkins University as a lecturer in Sanskrit (1876-80). There he got the Chair of Sanskrit in Harvard, holding it for 56 years (1880-1936).

His first direct contact with India and Indian scholars began with his tour in India (1889) during which he collected valuable books and manuscripts. On return he began his lectures on Indian poetry, literature and early history. He was elected President of the American Philological Association in 1890 and published the same year, 'The Beginning of Hindu Pantheism'. His book on 'Hindu Drama' (1900) showed his keen interest in Sanskrit literature. We find him there as the sponsor of the now famous *Harvard Oriental Series* which had published over forty stout and well-edited volumes on Buddhistic and Brahmanical literature and thought. The Religion and Philosophy of the Vedas (Keith), Vedic Concordance (Bloomfield), Translation of the Atharva Veda (Whitney and Lanman), Jatakamālā (Kern), Sāmkhya Philosophy (Garbe), Karpuramanjari (Sten Konow) among other volumes of the series have endeared the name of the General Editor Prof. Lanman among Indologists. He was elected an Honorary Fellow of the Asiatic

Society of Bengal in 1896 and kept us in touch with the study of Sanskrit in the U.S.A. by sending some of his brilliant pupils and colleagues as well as their publications to our library.

He took keen interest in the group of Indian students in Harvard and was responsible for securing for them some fellowships of the University. Lanman's *Sanskrit Reader* was responsible, for more than anything else, for popularising the study of Sanskrit amongst the University students of America, and his edition of the Translation of the Atharva Veda will make us all cherish his memory for years to come.

KALIDAS NAG.

(*Read in the Ordinary Monthly Meeting of 7th July, 1941.*)

INSTRUCTIONS TO AUTHORS FOR THE SUBMISSION OF PAPERS FOR PUBLICATION IN THE JOURNAL AND MEMOIRS OF THE SOCIETY.

PAPERS

1. All communications submitted to the Society for publication should be addressed to the General Secretary and not to any officer by name. They should be type-written on one side of the paper with sufficient margin on the sides, and *in all respects must be absolutely in their final form for printing.*

2. Papers must be accompanied by a brief abstract not exceeding 1,000 words, which shall indicate the subject of the paper and the nature of the advance in the existing knowledge on the subject.

3. Tables of contents (for long papers), references to the plates and literatures, etc., should be given in their proper places.

4. Quotations in Oriental languages should be in the original script, and wherever they are transliterated the System of Transliteration adopted by the Society must be followed (see instruction 15). The names of *genera* and *species* in the case of biological communications should be underlined to indicate that they are to be printed in italics.

ILLUSTRATIONS

5. All drawings and photographic prints should be as clear as possible. They should be in a form immediately suitable for reproduction, preferably of a size to permit reduction to about two-thirds the linear dimensions of the original, and should be capable of reproduction by photographic processes.

6. Drawings and diagrams to be reproduced as line blocks should be made with fixed Indian ink, preferably on fine white Bristol board, free from folds or creases; smooth clean lines or sharp dots, but no washes or colours should be employed for shading. The positions of the illustrations that are to appear in the text must be clearly indicated in the margin of the paper; and explanations of the figures should be typed at the end of the main paper with the indication: *Explanation of text-figures.*

7. The maximum space allowable for illustrations in the *Journal* and the *Memoirs* are as follows:—

Journal, text, 3 $\frac{3}{4}$ " \times 6 $\frac{3}{4}$ "; Plates, 4 $\frac{1}{2}$ " \times 7".

Memoirs, text, 6 $\frac{1}{4}$ " \times 9"; Plates, 7 $\frac{1}{2}$ " \times 9 $\frac{1}{2}$ ".

These spaces include the usual figure numbering. Explanations of the plates to be printed on separate pages, facing the plates, must be typed on separate sheets.

PROOFS

8. A proof of each paper will be sent to the author, on the address given on the MS.

9. No alteration or addition necessitating any considerable change of type may be made in the proofs. Should such alterations or additions be necessary, these must be added as footnotes duly dated and initialled. The cost of corrections made in the proofs should not exceed 20% of the printers' charges for the setting of the paper; any excess will be charged to the authors.

10. The proof must, if possible, be returned within one week of the date of receipt to the Society duly corrected.

MISCELLANEOUS

11. Authors of papers published in the Society's *Journal* and *Memoirs* are entitled to receive *gratis* 30 copies of each paper, and as many more as they require on payment of the cost of printing, paper, and make up. Such requirements must be stated at the time of returning the proofs.

12. Papers by non-Members of the Society must be communicated through a Member, who shall satisfy himself that the paper is suitable for presentation to the Society, and is ready for the press.

13. No communications under consideration or accepted for the Society's publications may be published elsewhere without the express sanction of the Council.

14. To facilitate the compilation of indexes, each author is requested to return to the Society together with the proof, a brief index of the contents of the paper. These indexes will be edited and incorporated in the volume when completed.

15. The following systems of transliteration are henceforth to be followed (as far as practicable) in the publications of the Society, in quoting non-European words as such. In giving names of places, authors or books, which would occur in the course of the English text, a 'broad' transcription, following English values of the consonants and avoiding diacritical marks, is recommended.

SANSKRIT

अ = a	आ = ā	इ = i	ई = ī	उ = u	ऊ = ū
ऋ = ṛ	ॠ = ṝ	ऌ = ḷ	ॡ = ॡ (or ē)	ऐ = ai (or aj)	ॠ = ai (or aj)
ओ = o (or ō)	औ = au (or au) (Prakrit अइ अउ = ai, aū)				
◌ (Anusvāra) = ṁ	◌ (Visarga) = ḥ	◌ (Jihvāmūlīya) = ɣ			
◌ (Upadhmānīya) = ɸ					

Sandhi Vowels may be indicated as â î û ê ô. *Avagraha* = '.
Accents in Vedic—*Udātta* á â etc. *Svarita*—â.

क	ख	ग	घ	ङ	=	k	kh	g	gh	ṅ (or ṇ)
च	छ	ज	झ	ञ	=	c	ch	j	jh	ñ (or ṇ)
ट	ठ	ड	ढ	ण	=	ṭ	ṭh	ḍ	ḍh	ṇ
त	थ	द	ध	न	=	t	th	d	dh	n
प	फ	ब	भ	म	=	p	ph	b	bh	m
य	र	ल	व		=	y	r	l	v (or w)	
श	ष	स	ह		=	ś	ṣ	s	h	
ळ	ळ				=	ḷ	ḷh			

HINDI (and other North Indian Speeches)

As for Sanskrit, only nasalised Vowels are to be indicated by a tilde mark (˜) above the Vowel (e.g. अँ अॉ अँ अँ = ā ã ū ă,).

etc.), and ङ ञ are to be denoted optionally by either d dh or by r rh. Care should be taken in distinguishing ब and व (b and v)—the latter preferably may be written as w rather than v, specially in intervocal and final positions. The final silent -a may be optionally omitted: but in quoting Early Hindi, etc. the final a should be retained. ञ ञ as in Rajasthani, Panjabi, etc. are to be indicated as in Vedic.

BENGALI

The system for Sanskrit, with the provision for nasal Vowels and for ড ঙ (= ङ ञ) as in Hindi. For ব (অন্তঃস্থ ব), in all *tatsama* or pure Sanskrit words, *y* should be employed, in Prakritic and semi-tatsama words, *j*; subscribed ব (= ব-ফলা) should be indicated by *y*. The difference between বর্ণীয় ব (= b) and অন্তঃস্থ ব (= v, w) need not be indicated for Bengali—b may be written for both: only subscribed ব (ব-ফলা) is to be written as *w* (e.g. Skt. *Viśvāsa* = Bengali *Biśwās*). Final -a may be omitted optionally, but it should be retained for Early Bengali.

ARABIC

In transcribing Arabic, according to the context either (i) the native Arab pronunciation (as current in the *Jazīratu-l-‘Arab*) or (ii) the Perso-Indian pronunciation may be followed.

(i) Arabic in native Arab Pronunciation—

أ (alif hamza) = ’; ب = b, ت = t, ث = th (or θ); ج = j (or g); ح = h, خ = kh (or x, or x); د = d, ذ = dh (or δ); ر = r, ز = z; س = s, ش = sh (or š); ص = s, ض = d; ط = t (or t), ظ = z (or z); ع = ‘, غ = gh (or γ); ف = f, ق = q; ك = k; ل = l; م = m; ن = n; و = w, ū; ه = h; ي = y, ī.

— respectively = a, i, u (or ă, ō optionally in place of i, u), ا = a, i, u; آ = ā; إ = ī; عُ = ū; عى = ay (or ai); اء = aw (or au); *tanwīn* = ^{un, an, in} above line; ى = á. (Note: عبد الحق = ‘Abdu-l-Ḥaqq, or ‘Abd al-Ḥaqq, not ‘Abd-ul-Ḥaqq.)

ث = t (or h, or th).

YEAR-BOOK
OF THE
ROYAL ASIATIC SOCIETY OF BENGAL
FOR 1942

VOLUME IX

1943

Year-Book, Royal Asiatic Society of Bengal, 1942

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PROCEEDINGS OF THE ANNUAL MEETING, 1943

FEBRUARY

The Annual Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 1st February, 1943, at 5 P.M.

PRESENT

DR. C. S. Fox, D.Sc., M.I.M.E., F.G.S., F.N.I., F.R.A.S.B.,
President (in the Chair).

Members :

Agharkar, Dr. S. P.	Ghuznavi, Sir A. H.
Akbar, Mr. M.	Griffiths, Dr. W. G.
Alimuddin, Mr. M. S.	Guha, Dr. B. S.
Asadullah, Khan Bahadur K. M.	Gupta, Mr. P. C.
Auden, Mr. J. B.	Haq, Khan Sahib M. M.
Bagchi, Dr. K. N.	Hendrie, Major J. H.
Banerjee, Mr. S.	Hora, Dr. S. L.
Banerjee, Dr. J. N.	Ishaque, Dr. M.
Bastin, Mr. R. W.	Law, Dr. B. C.
Bhandarkar, Dr. D. R.	Law, Dr. S. C.
Biswas, Dr. K. P.	Lort-Williams, Sir John
Bose, Mr. M. M.	Majumdar, Dr. R. C.
Brown, Mr. Percy	Meyer, Miss S.
Chatterjee, Mr. B. C.	Mitter, Rai Bahadur K. N.
Chatterjee, Mr. K. N.	Mookerjee, Mr. R. P.
Chatterjee, Dr. M. M.	Mookerjee, Dr. S. P.
Chatterjee, Mr. N. C.	Mukherjee, Dr. J. N.
Chatterjee, Mr. P. P.	Mukherjee, Mr. P. K.
Chatterjee, Mrs. T.	Nag, Dr. Kalidas
Chatterji, Dr. S. K.	Neogi, Dr. P.
Dhiman, Mr. M. C.	Rahman, Sh. K.
Edgley, The Hon'ble Mr. Justice	Ray-Chaudhuri, Dr. H. C.
N. G. A.	Roy, Dr. B. C.
Fawcus, Mr. L. R.	Sarkar, Sir Jadunath
Gangoly, Mr. O. C.	Siddiqi, Dr. M. Z.
Ghatak, Mr. J. C.	Sircar, Mr. Ganapati
Ghose, Mr. R. C.	Waight, Mr. H. G.
Ghosh, Dr. P. K.	West, Mr. W. D.
Ghosh, Dr. P. N.	and others.

Visitors :

Ahmad, Mr. S.	Das-Gupta, Mr. S.
Bardhan, Major P.	Donmithoune, Miss A. G.
Biswas, Mr. J. K.	Edgley, Mrs.
Biswas, Mr. P. C.	Ghosh, Mr. P. K.
Chakravarti, Dr. A.	Habibullah, Dr. A. B. M.
Chatterjee, Mr. B. K.	Heywood, Major-General T. J. S.
Chatterjee, Mr. S. R.	Imam, Dr. A.
Chaudhuri, Dr. J. B.	Jugantar (Reporter)

Maitra, Dr. D. N.
 Mukherjee, Mr. S. K.
 Nag, Mr. R. C.
 Nair, Mr. K. Krishnan
 Narayanaswami, Mr. V.
 Nityaswarupananda, Swami
 Pal-Chaudhuri, Mrs. A.
 Rahman, Mr. B.
 Ray, Dr. A. N.
 Ray, Mr. B. N.
 Ray, Mr. I. R.
 Ray, Dr. N.
 Ray-Chaudhuri, Mr. G. C.
 Rudra, Mr. S. N.

Sadeque, Dr. R.
 Sadeque, Mrs. S.
 Samadar, Mr. M. N.
 Samadar, Mrs. S.
 Saraswati, Mr. S. K.
 Sarttar, Mr. S. S.
 Sen, Dr. A. C.
 Sen, Mr. K. B.
 Sen, Mr. N. C.
 Sen, Mrs. P.
 Sen-Gupta, Mr. R. G.
 Spencer, Mr. E. S.
 Tyson, Mr. G. W.
 and others.

In declaring the Annual Meeting open, the President for 1942 ordered the distribution of voting papers for the election of Officers and Members of Council for 1943, as well as the voting papers for the election of Ordinary Fellows proposed by the Council to all the Ordinary Members present, and appointed Dr. B. S. Guha and Dr. S. P. Agharkar to be the scrutineers. He then called upon the General Secretary to present the Annual Report for 1942.

The Annual Report was presented (vide page 18).

The retiring President then addressed the meeting (vide page 10) after which he called upon the scrutineers to report and announced the result of the Council election (vide page 17).

After this announcement the retiring President gave place to the President for 1943, who thanked the Society, as follows:—

‘MEMBERS OF THE SOCIETY, LADIES AND GENTLEMEN,

I thank you sincerely for the honour you have done me by electing me as President of this great Society. For more reasons than one I value this honour deeply. Let me assure you, so long as I hold this office, it will be my endeavour to maintain with your co-operation the highest traditions of the Chair. The Society occupies a unique place in the chequered history of development of Indian research and scholarship. While it has served to inspire many a worker to further studies in diverse fields of knowledge, it has helped to bring together the best elements of the East and the West and to promote goodwill and understanding between them. In course of the coming year we shall complete 160 years of our existence. While we shall take stock of our achievement, we shall also have to consider in the light of existing conditions how best we can increase the usefulness and vitality of the Society and further the aims of the great Founder who was actuated by no other desire than the service of humanity through the path of knowledge. I confidently ask not only for the support of the members of the Society but of the enlightened public outside in the task of reconstruction that lies ahead of us.

On behalf of you all, let me thank the retiring President for his services to the Society.'

The President for 1943, then made the following announcements:—

'I have now the great pleasure to announce that, having received the report of the scrutineers, I declare the following ordinary members,

Mr. A. F. M. Abdul Ali, and
Sir J. C. Ghosh, Kt.

duly elected as Ordinary Fellows of the Royal Asiatic Society of Bengal.

I have now to make the following announcements concerning the awards of the Elliott Prize for Scientific Research for 1941 and 1942.

The prize for 1941 was for Chemistry for which papers from two candidates had been received in 1941 in competition for the prize, but announcement as to whom the award was given could not be made at the last Annual Meeting because the Trustees of the Prize had not received the report of the referee in due time. So announcement concerning it is being made this year.

The Trustees of the Prize have judged the papers of one candidate deserving of the award and have accordingly been given to Dr. M. C. Nath, D.Sc., Lecturer in Physiological Chemistry of the Dacca University for meritorious contributions to the subject of Chemistry.'

The President then called upon Dr. Nath to receive the prize, in the following words:—

'Dr. Nath, I have great pleasure in handing over this prize to you and I congratulate you most heartily on your success in winning it.'

The President continued to say—

'The Elliott Prize for 1942 was for Physics for which papers from one candidate only had been received in competition for the prize. The Trustees have reported that his papers were not of sufficient merit as to award the prize.

The prize for 1943 will be for "Geology and Biology (including Pathology and Physiology)" concerning which notifications will be published in the *Calcutta, Bihar and Orissa Gazettes*.

My next announcement is regarding the Annandale Memorial Medal. This medal is awarded every three years for conspicuously important contributions to the study of Anthropology in Asia.

This year the medal is awarded to Dr. Birajasanker Guha, M.A., Ph.D., F.N.I., Anthropologist of the Zoological Survey of

India, for his long sustained labours in the field of Anthropological Research, and one time General Secretary of the Society.'

The President called upon Dr. Guha and addressed him as follows:—

'Dr. Guha, I have great pleasure in bestowing upon you, on behalf of the Royal Asiatic Society of Bengal, the Annandale Memorial Medal for the year 1942. Kindly accept it with the Society's and my hearty congratulations. I thank you very much for coming over from Benares to receive the medal personally this evening.'

'My next announcement is regarding the Paul Johannes Brühl Memorial Medal. This medal was instituted in 1931 to be bestowed on a person who, in the opinion of the Brühl Medal Board, has made most meritorious piece of original research in any branch of Botany with reference to the Indian Empire. It was due to be awarded last year. As announced at the last Annual Meeting, the Rules governing the award were amended in accordance with the terms of the Trust in 1942, and the award is now being made in accordance with the amended Rules this year.

The Paul Johannes Brühl Memorial Medal for the year 1941 has been awarded to Rao Bahadur G. N. Rangaswami Ayyangar, F.N.I., Geneticist and Millets specialist, and retired Principal, Agricultural College and Research Institute, Coimbatore, S. India, in recognition of the work done by him on the genetics of the millets of India.'

The President then called upon Dr. S. P. Agharkar, M.A., Ph.D., F.N.I., Ghose Professor of Botany, Calcutta University, to receive the medal on behalf of the recipient and addressed him as follows:—

'Dr. Agharkar, I have great pleasure in handing over to you, on behalf of the Royal Asiatic Society of Bengal, the Paul Johannes Brühl Memorial Medal for the year 1941, and request you to transmit it to Rao Bahadur G. N. Rangaswami Ayyangar with the Society's and my hearty congratulations. I thank you very much for your courtesy in receiving the medal on his behalf.'

In conclusion, the President for 1943 announced that the Annual Meeting had been dissolved and requested all to remain on their seats to witness a Cinematograph performance featuring Northern Afghanistan, Darjeeling, etc., by Mr. W. D. West of the Geological Survey of India. He further announced that at its conclusion an Ordinary Monthly Meeting of the Society would be held for the election of Ordinary Members and the transaction of the routine business for which he invited the members to be present.

The Cinematograph performance was then held and was appreciated by the audience. The General Secretary proposed a vote of thanks to Mr. West on behalf of the Society stating that Dr. H. H. Wilson who served the Society in several capacities from 1811-1833 was the first to unfold the archaeological treasures of Afghanistan in his 'Ariana Antiqua'.

ANNUAL ADDRESS, 1942-43

LADIES AND GENTLEMEN,

It has been the custom for your President to address you, after his year of office, at the Annual General Meeting. I have had the honour of being your President during the year 1942, and you will agree with me that 1942 has been a year of great events. We have watched the shadow of War spread over southern Asia and creep across Burma to stand at the border of India. Even this city of Calcutta has had some scratches, from the few bombs which have been unloaded on us during moonlight raids by Japanese bombers within the last few weeks. Compared with the affairs taking place in Soviet Russia, or North Africa, or the Western Pacific, or China, or even in India, our own activities must appear insignificant. However, I am confident that the part we play can be useful and may thus be of some value.

2. We remember to-day that the Society was founded and named 'The Asiatick Society' by Sir William Jones in 1784. He had landed in Calcutta in October 1783 after a voyage of six months. The objects of the Society were described by the founder in the following language: 'The bounds of its investigations will be the geographical limits of Asia, and within these limits its enquiries will be extended to whatever is performed by Man, or produced by Nature.' To many of us the original name seems finer and bigger than the one now used, and it seems a great pity that anyone could alter the name of the Society from that it first carried. When I hand over my proud place to my successor the Society will have entered on its 159th year, and I hope you will celebrate its 160th Anniversary in a victorious peace.

3. My predecessor, Sir John Lort-Williams, in his earlier address to you in 1940-41, was distinctly pessimistic as to the Society's constitution, and he believed he had found evidence of lukewarmness—the most dangerous of all human complaints—in our midst. He was of the opinion that this form of rot was due to the specialisation which has become evident in all kinds of scientific work. It is certainly true that the contributions by some specialists are not easily understood by those who have become specialists in some other branch of science. And while the papers submitted by these specialists may be of great value to their respective colleagues, they are often unintelligible and therefore of little interest to lawyers and merchants and other educated people.

4. In his next address in 1941-42, last year, my predecessor was able, largely as a result of his own efforts, to report a little

more favourably. I agree with him that re-organisation is not sufficient to put life into anything lukewarm. However, during 1942, whether we desired it or not, the Society was obliged to take measures for the safety of many valuable books and manuscripts and pictures. Also, since I assumed office, we have had three successive General Secretaries, omitting the interim periods when I acted in this capacity. First Dr. B. S. Guha resigned, when his office was transferred with the Zoological Survey collections to Benares. Next Dr. S. L. Hora was obliged to relinquish these duties, because his charge of the Fisheries Department of Bengal required all his time.

5. We have now been fortunate in securing Dr. Kalidas Nag for our General Secretary, and I hope he will be able to continue. I would also like to mention how much I have appreciated the assistance and guidance of my colleagues on the Council. Our monthly and other meetings, even during the hot weather in 1942, were well attended. Our clerical and subordinate staff have been most useful—from our able Superintendent, Mr. P. O. Matthai, to the very loyal office servants. I have to refer to the remarkable flight of some of the servants after the air raids at Christmas time (1942). It is difficult to understand why that class of servant deserted from almost every place where they had been employed, in many cases for several years, in Calcutta.

6. There is no doubt that the high prices of food and clothing have put our clerical staff and servants to considerable inconvenience, but your Council has given careful thought to these matters and by a 'dearness allowance', and in other ways, hope to solve these difficulties. Another problem has been the paper shortage. It has had to be faced and the greatest economy has been observed consistent with the necessity of maintaining contact with our Members and Fellows. We have been able to complete journals, which had been long in arrears, and thus bring the published journals up to date. In so doing we have reaped some financial benefit as well as released large quantities of type. The *Bibliotheca Indica* was issued, and it is hoped that the catalogues of Arabic and Sanskrit manuscripts will be published during the ensuing year.

7. A feature of the Society's activities in 1942 has been the Discussion meetings, which are held fortnightly, and are intended to attract visitors—members of His Majesty's Forces, soldiers from the United States, Canada, China, and other foreign countries—who happen to be in Calcutta and are interested in questions of Indian geography, history, literature, customs, architecture, paintings, etc. Discussions at meetings were one of the chief reasons for the growth of the Society in its earlier days, and there is no doubt that most people enjoy popular discussions. It is necessary to keep the meetings popular even for highly educated people. However, a key to satisfactory

discussions is that there must be time and leisure to prepare attractive subjects and questions for discussion.

8. At the present time when so few of us have any leisure and most of us are thronged with duties, there seems to be need for some opportunity to discuss matters relating to the realm of Nature or any inspiring work performed by Man. It has never been within the activities of the Society to take part in politics or in religious disputes. The chief purpose of our discussions is in providing accurate information, and this can only be given in a manner which is intelligible to all our members. It is for this reason largely that contributions by specialists should relate to subjects of interest and be understood by most educated people. The Society should be a meeting place and a clearing house and not the particular home of any specialisation branch of science or art.

9. The Discussion meetings which have been arranged by a Committee are thus an endeavour to go back to a custom which provided much intellectual pleasure to educated people who had the leisure to come here or contribute to our publications. We have been encouraged in our efforts, as a wartime measure, by our Patron, H.E. Sir John Herbert, Governor of Bengal. His Excellency sent me Rs.2,000 from his War Purposes Fund to meet capital expenses for additional furniture—tables, crockery and a loud-speaker apparatus. Teas are provided at these meetings at a charge of eight annas a head and this enables military officers and other visitors who are interested to bring friends and take part in the discussions in the capacity of members *pro tem.*, and perhaps more permanently later.

10. I would mention that this historic building has become a meeting place for special meetings of other institutions such as the Mining, Geological and Metallurgical Institute, and actually houses the National Institute of Sciences of India. The former Institute, as its title shows, is a specialists' society who publish their technical papers in their own *Transactions*. The latter Institute, which was originally to be called the Academy of Sciences in India, has many sections, so that the various branches of science have their own lines of specialisation provided for and at the same time have a common meeting place to explain their discoveries, without too much scientific jargon, at our discussions if they wish. The Indian Science Congress Association developed in this way as a permanent organisation.

11. You may feel that I have dwelt unduly on this aspect of the Society's activities, but you must remember that it is our very life that is at stake. I have shown that there are specialist societies or institutions where specialists may discuss their most valuable discoveries in their own technical language. There is, however, a need for a central society where we may meet and, without any loss of dignity or diminution in the quality of our researches, still explain or describe the work of Nature or

performances by Man, in words which are intelligible to educated people, and interest them. The value of a discovery may often be unknown, if it is not disclosed in a fashion that cannot only be understood but also appreciated, especially by those who possess the machinery for making it useful.

12. The growth or, shall I say, spread of lukewarmness may come from many sources and I am interested in it from the point of view of a geologist. The name 'Geology' was introduced into scientific literature in about 1779, a few years before 'The Asiatick Society' was founded. I believe the word 'Geology' was coined in 1777, or 1778, after the date that workable coal was reported to occur in the Raniganj area of Bengal. Of course, minerals and ores and metals had been worked for or prepared in India and elsewhere for centuries. Gold mines were worked in India in the times of King Solomon and iron was prepared in this country in very remote times as far back as the dawn of civilisation, and this must go back almost to the Garden of Eden, when work became necessary.

13. The use of maps is also a very early innovation, and the value of a map, having rock and mineral deposits marked on it, was appreciated as far back as 1685. Thus the search for ores and minerals and the employment of mineral maps go back to a period long before the introduction of the word 'Geology'. However, the oldest Geological Survey, that of Great Britain, claims its initiation from the date 1835, when Sir Henry de la Beche was made 'Geological Colourer of Ordnance Maps' in England. It has been from this source that some geologists have obtained the idea that the objective of a Geological Survey is to prepare a geological map of the country. Such a map would show by colours and symbols the distribution of rock formations and the occurrence of mineral deposits.

14. It is true that the preparation of a geological map by field work is as important as the making of plans and sections by a civil or mechanical engineer, but there still remains the practical development or erection to be carried out if the surveys were made with any seriousness. The Geological Survey of India was definitely begun in 1846 to give assistance to the coal mining industry of that day, and had, as its immediate result, the recognition of the Raniganj coalfield as a Great Coalfield and planned its exploitation. For the next 40 years, until about 1886, the Geological Survey of India had as its main objective the development of the mineral resources of this country. Already in 1868 this Department was provided with mining specialists for conducting boring operations and opening mines in the Wardha Valley.

15. Further mining and metallurgical specialists were included in the Geological Survey of India up to 1902 when they were suddenly made the nucleus of what is now the Mines Department. This procedure would have been of far greater

value had this Mines Department been established to open up mineral deposits and generally show the way for the development of the mineral resources of India. Instead of this, it has been employed for administering the mining rules and regulations, largely for the purpose of ensuring safety in working coal mines. The Geological Survey was at the same time deprived of the very men who were needed for conducting prospecting and development operations on mineral deposits.

16. In spite of the fact that Sir Thomas Holland, in a Presidential Address to the Mining and Geological Institute of India in 1907, made it quite clear that mineral development was the chief objective of the official geologist in India, and indeed his duty, this Department was obliged to concentrate on the preparation of the geological map of India. Whether this was due to lack of personnel or the belief that India was not well endowed with economic minerals is hard to say. The fact remains that mineral development was left largely to private enterprise and concentrated on rich occurrences of ores and minerals whose exploitation for export or other use required little risk and practically no capital. There seemed to be some misunderstanding.

17. With the re-organisation that followed the Great War of 1914-18, the Geological Survey was able to secure more technical staff, but it seems that by then the Government of India had also come to believe that it was a scientific department chiefly concerned with the preparation of geological maps. Consequently, when the necessity for retrenchment arose in 1932, this Department was included, but being small, was not as roughly handled as it might have been. India had therefore never possessed organisations like the Bureau of Mines in the United States or Canada, whose essential duties are mineral research to show the way for mineral development. It was, however, left to the Government of Soviet Russia to demonstrate the use of its Geological Survey.

18. Previous to the establishment of the Soviet Government, Russia had maintained a Geological Survey on the same lines as that in India, and like the Geological Survey of India, the Russian organisation had collected, by field observations by skilled geologists, a vast amount of valuable information. All this data, together with museum specimens, and some trained personnel, were available when the Soviet Government began its drive for mineral development for the industrialisation which it had planned. In spite of every kind of criticism by foreign experts and in the face of many difficulties in their way to development, the drive was maintained. There was in 1937, when I visited Russia, a boom in geological personnel, and the numbers employed then were said to be upwards of 10,000 geologists, who, needless to say, had to prove their practical value in a thoroughly satisfactory way.

19. It is my opinion that the names 'geology' and 'geological' are liable to give an erroneous idea of the actual duties to be performed by those engaged in this sphere of investigation. To many, including some geologists themselves, the idea seems to be that their work is entirely a distinct scientific business which may or may not be of practical value to the country that provides for them. As I hinted, Soviet Russia was no place for uncertain workers or dreamers, although the Government did insist on rest days and parks and rooms for rest and culture in every city and in every works. We have seen the miracle of the Soviet Union performed before our very eyes in the grandest way possible and under conditions which are simply those of a struggle against something worse than death.

20. Here in India the Government has recognised the possibilities of its Geological Survey and has provided for its utilisation, but I am not quite sure if the Government is fully convinced that any considerable outlay for mineral development will have a resounding benefit, either by direct return in revenue or from a general improvement of the country. It is quite correct to be prudent, especially in a case where risk must be admitted in so great a project as the type I have indicated, but Government have approved in principle and already sanctioned the establishment of an Utilisation Branch of the Geological Survey of India for mineral exploration. This is, however, a beginning and the creation of a research organisation on the lines of the Canadian Bureau of Mines has still to come.

21. In the case of Russia the Soviet Government planned on an immense scale with the idea to provide work for all and utilise to the fullest the mineral and other resources in its Union of Socialistic Republics. It was claimed during my visit to the Urals region in 1937 that geologists were needed everywhere. Geologists were engaged in various operations—routine surveys, special prospecting, detailed investigations in mines for coal, salt and other minerals and ores, problems of water-supply and engineering, questions of soil erosion and fertility, research laboratories and for training. In India we have a fewer number of geologists for these purposes than is the case in Great Britain where the Geological Survey does not need any personnel for matters relating to mineral research, prospecting or the training of students and has little to do with the opening of mines.

22. As a result of the 97 years' work carried out by officers of the Geological Survey in India it has been found that an average of 500 square miles can be accurately surveyed each year, and that the average service in the field is about 10 years per geologist. Roughly 100 geologists in all have been so employed since 1846 so that theoretically only about 500,000 square miles could have been examined in any detail in the time, and there remains over a million square miles still to scrutinise. We have,

of course, covered the whole peninsula and much of the borderlands, but this work cannot be regarded as detailed except in places like the Jharia and Raniganj coalfields and certain other areas of economic or technical importance. There is a great deal to do and the personnel and equipment required must be on lines similar to those adopted in Soviet Russia.

23. That there is every hope for a profitable return for State expenditure, on mineral development, may be seen from the progress already made since the Mines Department was created to ensure safety in mines, which were developed largely by private enterprise. About 1902 the total value of the annual production of minerals, ores, etc. in India was estimated at roughly Rs.500 lakhs, while in 1940 the figure is computed at nearly Rs.4,000 lakhs, or eight times more. Another factor for consideration is that the imports into India are such that approximately half the goods are made from minerals, ores and related substances, and, that a great proportion of such materials could be obtained in this country. What is lacking chiefly is the fabricating machinery, cheap electric power and, to some degree, skilled operators for manipulation and manufacture.

24. It may seem that I have wandered somewhat from the Royal Asiatic Society of Bengal, but I have really only sketched in, very roughly, a great background of industrialisation for the utilisation of those materials I have been an agent for to the Government of India. The Society stands as a peaceful meeting place for those who study the arts of man's civilisation and who investigate the realm of nature by observation and scientific research. Most of us have come to realise how misunderstandings may grow, by neglect by lukewarmness, to problems of economic importance, and even become the affair of nations, and end in the senselessness of brutal war. We must know the value of commonsense and the need for some rest and leisure. What better way can there be than for us to meet here occasionally and regularly, and discuss the matters that interest us, and thus, by fair criticism, learn to keep that civilisation which we have been in peril of having taken away from us.

CYRIL S. FOX.

OFFICERS AND MEMBERS OF COUNCIL.

ROYAL ASIATIC SOCIETY OF BENGAL, 1943.

*Elected and announced in the Annual Meeting,
1st February, 1943.*

President.

Dr. Syamaprasad Mookerjee, M.A., B.L., D.Litt., Barrister-at-Law.

Vice-Presidents.

Dr. C. S. Fox, D.Sc., M.I.Min.E., F.G.S., F.N.I., F.R.A.S.B.

Sir John Lort-Williams, Kt., K.C.

Dr. Meghnad Saha, D.Sc., F.R.S., F.N.I., F.R.A.S.B.

Dr. S. C. Law, M.A., B.L., Ph.D., F.Z.S., M.B.O.U., F.N.I.

Secretaries and Treasurer.

General Secretary :—Dr. Kalidas Nag, M.A., D.Litt.

Treasurer :—C. W. Gurner, Esq., C.S.I., I.C.S.

Philological Secretary :—Dr. Nalinaksha Dutt, M.A., Ph.D., D.Litt.

Joint Philological Secretary :—Dr. M. Z. Siddiqi, M.A., Ph.D.

Natural History Secretaries { Biology :—Dr. S. P. Agharkar, M.A., Ph.D., F.N.I.
Physical Science :—Dr. K. N. Bagchi, B.Sc., M.B., F.I.C., D.T.M., F.N.I.

Anthropological Secretary :—Dr. W. G. Griffiths, M.A., B.D., B.Sc., Ph.D.

Historical and Archæological Secretary :—Dr. R. C. Majumdar, M.A., Ph.D., F.R.A.S.B.

Medical Secretary :—Dr. J. B. Grant, M.D., M.P.H., F.A.P.H.A.

Library Secretary :—Dr. Sunder Lal Hora, D.Sc., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B.

Other Members of Council.

The Hon'ble Mr. Justice N. G. A. Edgley, M.A., I.C.S., J.P., Barrister-at-Law.

L. R. Fawcus, Esq., C.I.E., I.C.S.

Percy Brown, Esq., M.B.E., A.R.C.A., F.R.A.S.B.

Dr. B. C. Law, M.A., B.L., Ph.D., F.R.Hist.S., F.R.A.S.B.

Dr. M. Ishaque, M.A., B.Sc., Ph.D.

ANNUAL REPORT FOR 1942.

The Council of the Royal Asiatic Society of Bengal has the honour to submit the following report on the state of the Society's affairs during the year ending the 31st December, 1942.

Ordinary Members.

Gains and Losses.—These were as follows:—

<i>Gains.</i>		<i>Losses.</i>	
Elections carried forward ..	5	Lapses of election ..	4
New elections ..	27	Elections carried over ..	6
		Deaths ..	7
		Resignations ..	11
		Rule 38 ..	9
		Withdrawals of applications	2
TOTAL ..	32	TOTAL ..	39

Initial total 382; net loss 7, final total 375.

Life Members.—The number of our Life Members at the end of the year stands the same as that of last year, viz. 58. One was lost by death; one member compounded during the year.

Deaths.—Members lost to us:—

G. P. Tate (1893).	Hirendra Nath Datta (1926).
Maharaja Sir P. C. Tagore (1898).	Sir Manmatha Nath Mukherjee (1928).
D. N. Gooptu (1921).	Sir Nalini Ranjan Chatterjee (1928).
Rai Bahadur R. Chanda (1922).	

Associate Members.

The present number is 6, the statutory maximum is 15.

Ordinary Fellows.

On the date prescribed by the Regulation for the issue of voting papers for the election of Ordinary Fellows, there was one vacancy on the roll of Fellows, and two candidates were proposed for election; but on scrutiny of the voting papers, it was found that neither of the two candidates had received the required number of votes hence no election of new Fellows was made.

We lost through death—Rai Bahadur Ramaprasad Chanda.

At the end of the year the number was 47; the statutory maximum is 50.

Honorary Fellows.

Died—Sir Joseph Larmor, Kt., M.A., D.Sc., LL.D., D.C.L., F.R.S., F.R.A.S. (1920).

The number at the end of the year was 17, the statutory maximum is 30.

Special Anniversary Honorary Members.

There remain only 9 Special Anniversary Members on the roll who were elected on the occasion of the Society's 150th Anniversary.

Council.

The Council met 14 times. The attendance averaged 11.

Office Bearers.

Changes in the Council were as follows:—

Dr. B. S. Guha, absent from 14-2-42 to 9-3-42; from 1-4-42 to 13-4-42; from 1-5-42 to 25-5-42 and from 22-6-42 to 3-8-42; and Dr. Hora officiated for him.

Dr. K. P. Biswas, absent from 5-5-42 to 10-8-42; from 27-8-42 to 12-12-42.

Dr. Chatterji, absent from 15-3-42 to 1-5-42 and from 26-5-42 to 25-6-42.

Prof. Vedantatirtha, absent from 1-2-42 till the end of the year.

Prof. Chakladar, absent from 1-2-42 till the end of the year.

Prof. Haq, absent from 9-4-42 to 14-6-42.

Dr. Nag, absent from 15-3-42 to 15-5-42.

Hon. Mr. Justice Edgley, absent from 5-9-42 to 25-10-42.

Sir John Lort-Williams, absent from 11-9-42 to 23-11-42.

Dr. S. L. Hora was appointed General Secretary *vice* Dr. B. S. Guha resigned on 3-8-42.

Dr. Kalidas Nag was appointed General Secretary *vice* Dr. S. L. Hora resigned on 7-12-42.

Dr. R. C. Majumdar was appointed Library Secretary *vice* Dr. S. L. Hora resigned on 2-11-42.

Dr. S. L. Hora was appointed Library Secretary *vice* Dr. R. C. Majumdar resigned on 7-12-42.

Dr. R. C. Majumdar was appointed Historical and Archaeological Secretary *vice* Dr. Kalidas Nag resigned on 7-12-42.

Committees of Council.

The Standing Committees of Council, namely, the Finance, Publication, and Library Committees, met monthly. A special meeting of the Finance Committee was held in December to consider the Budget for 1943.

During the year a Standing Programme Sub-Committee, consisting of the *ex-officio* members, Sir John Lort-Williams, Dr. Bagchi, the Hon'ble Mr. Justice Edgley and Mr. Fawcus, was constituted with power to arrange the programme of meetings, lectures, etc. of the Society. This Committee met 9 times during the year.

The following Sub-Committees were appointed:—

- (1) A Sub-Committee consisting of the *ex-officio* members, Sir John Lort-Williams, Dr. S. P. Mookerjee, Dr. M. N. Saha and Dr. R. C. Majumdar, to enquire into and report upon the working of the system of administration of the Society, to which Dr. S. L. Hora was co-opted.
- (2) A Sub-Committee consisting of the *ex-officio* members, Sir John Lort-Williams and Dr. S. L. Hora, for further A.R.P. measures.
- (3) A Sub-Committee consisting of the *ex-officio* members, Sir John Lort-Williams and Dr. S. P. Agharkar, to amend the regulations regarding the award of the Brühl Memorial Medal.

Office.

During the year, the office of General Secretary was held successively by Dr. B. S. Guha, Dr. S. L. Hora and Dr. Kalidas Nag. Dr. Guha, who was General Secretary of the Society since August, 1939, had to resign his office in July owing to the transfer of the Zoological Survey of India to Benares Cantonment. In August, Dr. Hora was appointed in his place, but he had to give up the appointment as he was unable to devote enough time to the work of the Society. Since 7th December Dr. Nag has been General Secretary. He took up the onerous duties at the special request of the Council. He is devoting three hours every day in the afternoons to the work of the Society.

As stated in the Annual Report of last year, Mr. P. O. Matthai continued as Superintendent and the entire responsibility of running the office rested with him. The routine work of the Society, along with its cultural activities, was continued without any break.

The office has been following the new Indian Standard Time according to the rules from 10 a.m. to 5 p.m. on week days, and from 10 a.m. to 2 p.m. on Saturdays since September. Owing to the existing Black-out Regulations in Calcutta, the extension of the library hours had to be curtailed, which now are the same as the office, except Saturdays till 5 p.m. During the year strict measures had to be adopted to enforce discipline and regular attendance of office staff, and, as a consequence, there has been appreciable improvement in the office administration.

Some changes have been effected during the year with regard to the seating accommodation of the office staff. The office has been shifted from the main hall, western end, to the two southern rooms with the object of keeping the entire hall

for the use of members and for meetings. The members' reading room is now at the south-eastern end of the main hall, where members and research workers can carry on their studies without being disturbed by the noise of typewriters and other distractions. This has been a notable improvement and our thanks are specially due to Sir John Lort-Williams for his vision and his abiding interest in the work of the Society.

There was a dislocation of work during the latter part of December owing to the sudden departure of members of the menial staff caused by the war scare in Calcutta. They had to be replaced by others, and it will take some time before these get accustomed to their work. Temporary dislocation therefore is inevitable.

The following changes took place in the personnel of the office staff. Mr. J. C. De, whose probationary period was extended to 31st January, 1943, resigned his appointment in December, and the general and stock clerk, S. K. Raye, was transferred to the library. His work on stock and sales and stationery has been allotted to the press clerk, D. K. Das and the cashier, B. M. Chakravarti, respectively. The services of H. B. Banerjee, who was engaged temporarily in November 1940, to number, arrange and classify the old files, were dispensed with towards the end of the year and his work was allotted to the despatch clerk.

With the introduction, during the year, of Discussion Meetings every fortnight, the work of the staff has increased considerably.

Correspondence.

Correspondence, as heretofore, occupied much of the time of the office staff. In spite of the war and curtailed activities of many offices in India and abroad the number of letters received during the year was 1,809 and issued 2,083. Of incoming letters, several were book orders, and a number of letters were issued in connection with the Discussion Meetings. Regular Monthly Meeting notices and Discussion Meeting notices were issued to members and visitors, in addition to invitations to the General Lectures. The total number of notices issued by post, under several heads, was 3,625 excluding the regular Council and Committee Meeting notices, Library reminders, Fellowship Meeting notices, Medal Meeting notices, quarterly subscription bills, etc.

In addition, 150 Council and Committee circulars were issued.

Stock Rooms.

Re-arrangement of the stock rooms on the ground floor was continued. On further examination of the shelves, it was found

that miscellaneous loose parts of our *Journals*, *Memoirs*, and publications of the *Bibliotheca Indica* which were set aside for further scrutiny, as they were damaged and worm-eaten, remain to be sorted.

In accordance with the orders of the Council, *ten* complete sets of the Society's publications, including the *Bibliotheca Indica*, were sent, as a precautionary measure, to places outside Calcutta. The thanks of the Society are specially due to the authorities of the Muslim University, Aligarh, Allahabad University and Nagpur University for their kind offices in keeping in safe custody the publications sent to them, safely packed, in wooden boxes.

Rules and Regulations.

No changes were made in the Rules, but certain amendments were made in the 'Regulations regarding the General Lectures' and in the 'Regulations regarding the award of the Paul Johannes Brühl Memorial Medal'. A set of Regulations were adopted by the Council regarding 'Discussion Meetings'.

Representations.

Indian Museum.—The Society's representative on the Board of Trustees of the Indian Museum, under the Indian Museum Act X of 1910, was Dr. J. N. Mukherjee.

Kamala Lectureship.—The Society's nominee to serve on the Selection Committee of the Kamala Lectureship, administered by the Calcutta University, continued to be Dr. Baini Prasad.

National Institute of Sciences of India.—The Society's representatives to serve on the Council of the National Institute of Sciences of India were Mr. W. D. West as Vice-President and Dr. D. M. Bose as member of the Council for 1942.

Sarojini Basu Gold Medal.—The Society's nominee to serve on the Special Committee for the award of the Sarojini Basu Gold Medal, administered by the Calcutta University, was Prof. V. Vedantatirtha.

Royal Asiatic Society of Great Britain and Ireland.—The Society's nominee for the corresponding fellowship of the Royal Asiatic Society of Great Britain and Ireland was Dr. S. K. Chatterji.

Indian Historical Records Commission.—The Society's representative to serve on the Indian Historical Records Commission was Mr. C. W. Gurner.

Deputations.

The Society received invitations to send representatives to the various functions of the under-mentioned bodies :—

Annual Conference of the National Academy of Sciences, Allahabad, at Agra on 13th to 15th February.

Silver Jubilee Celebration of the Bhandarkar Oriental Research Institute at Bombay in January 1943.

Awards.

Elliott Prize for Scientific Research.—The annual prizes offered for the years 1941 and 1942 were Chemistry and Physics respectively. Announcements regarding the prizes will be made at the Annual Meeting in 1943.

The prize for next year will be for Geology and Biology (including Pathology and Physiology).

Barclay Memorial Medal.—The (biennial) award of the Barclay Memorial Medal for conspicuous contributions to Medical and Biological Science with reference to India, for 1941, was announced at the Annual Meeting in 1942. The medal was bestowed on Sir David Prain.

The next award will be announced at the Annual Meeting in 1944.

Sir William Jones Memorial Medal.—The next (triennial) award of the medal will be made at the Annual Meeting in 1944.

Annandale Memorial Medal.—The announcement of the (triennial) award of the medal for important contributions to the study of Anthropology in Asia will be made at the Annual Meeting in 1943.

Joy Gobind Law Memorial Medal.—The (triennial) award for conspicuously important work in Zoology in Asia was announced at the Annual Meeting in 1942. The medal was awarded to Prof. K. N. Bahl.

Paul Johannes Brühl Memorial Medal.—The announcement of the (triennial) award of the medal for important contributions to the study of Asiatic Botany with special reference to the Indian Empire, for 1941, will be made at the Annual Meeting in 1943. The next award will be made at the Annual Meeting in 1945.

Indian Science Congress, Calcutta, Prize.—The next award will be made in connection with the next session of the Congress to be held in Calcutta.

Pramatha Nath Bose Memorial Medal.—The Council has not yet decided upon the year in which the initial award of this medal for conspicuously important contributions to practical or theoretical Geology with special reference to Asia will be made.

Library.

The re-organization of the library, commenced in 1939, was continued in spite of many handicaps.

Accessions.—There has been a drop in the number of periodicals received owing to the international situation. Due to the same cause, a limited number of books, totalling 150 in all, could be purchased. The total amount spent was only Rs.626-5-6 out of Rs.1,000 budgeted for the purpose.

Six new journals were added to the library either by exchange or purchase: (1) Journal of the Music Academy; (2) New Indian Antiquary; (3) Modern Review; (4) Proceedings of the Missouri Academy of Sciences, U.S.A.; (5) Transactions of the Indian Ceramic Society; and (6) Journal of the University of Bombay.

Binding and repair.—Binding and repair work was continued vigorously. In the English Section 961 volumes were bound and repaired at a cost of Rs.1,531-10-6. In addition, 75 Islamic and 127 Sanskrit manuscripts have been pasted and repaired. Owing to the high price of materials for pasting and their unavailability, the repair of manuscripts will have to be suspended till conditions become normal.

Book reviews.—Books and journals are being received regularly for review in the Society's *Journal*. Several books were added to the library as presentations under this head.

Permanent Library Endowment Fund.—No donation was received during the year. The total amount of the fund is Rs.16,665-7-8 in 3½% Government Securities.

Cataloguing.—Some progress was made in the preparation of author and subject indexes of those books in the library whose names do not appear in the existing printed authors catalogue. In the Sanskrit, Tibetan, Persian and Arabic sections some progress was made with regard to the cataloguing of manuscripts and printed books.

Removal of books from the first floor to the ground floor.—As many books as possible have been removed to the empty shelves on the ground floor as a precautionary measure against air raids. 30,000 volumes of books and periodicals have been brought down, of which about 20,000 have been arranged according to the serial numbers. All available space on the ground floor will be made use of, and it is hoped that by the end of January this work will be completed.

Finance.

Appendix III contains the usual Statements showing our accounts for 1942. No change has been made in the form of their presentation.

The following three new funds have been opened:—

- (1) Air Raid Precaution Fund (Statement No. 20).
- (2) Discussion Meeting Fund, Capital Account (Statement No. 21).
- (3) Discussion Meeting Fund, Running Account (Statement No. 22).

Details are given elsewhere in the report.

During the year Rs.608 were received as admission fees and Rs.420 as compounding fees. The total of Rs.1,028 will be transferred to the Permanent Reserve by conversion of Government Paper (3½%) belonging to the Temporary Reserve.

The Government of Bengal maintained the 20% cut in some of the grants made.

The Government of India maintained the 50% cut in the grant for Arabic and Persian MSS. (Statement No. 5). The fund closed with a debit balance of Rs.1,960-3-3.

The Government Securities, shown in Statement No. 25, are held in safe custody by the Imperial Bank of India, Park Street Branch. During the year there was an appreciation of the securities, thus increasing the book assets of the Society.

BUDGET ESTIMATE FOR 1943.

Ordinary Receipts.

	Budget Estimate for 1942.	Actuals for 1942.	Budget Estimate for 1943.
	Rs.	Rs.	Rs.
Interest on Investments and {	9,800	9,860	9,860
Deposits	750	750	450
Advertising	10,200	10,200	10,200
Rent	10,680	10,680	10,680
Annual Grant	1,600	1,600	1,600
Miscellaneous	300	420	350
Members' Subscription	8,000	7,706	8,000
Publication, Sales and Subscrip- tions	5,000	3,913	4,000
TOTAL ..	46,330	45,129	45,140

Extraordinary Receipts.

	Rs.	Rs.	Rs.
By Fees			
by Admission Fees	700	688	700
by Compounding Fees .. .. .	..	420	..
TOTAL ..	700	1,108	700

Ordinary Expenditure.

	Budget Estimate for 1942.	Actuals for 1942.	Budget Estimate for 1943.
	Rs.	Rs.	Rs.
Salaries and Allowance ..	22,250	21,816	23,700
Commission ..	300	253	280
Stationery ..	1,000	350	500
Fan, Light and Telephone ..	500	436	600
Taxes ..	2,400	2,388	2,400
Postage ..	1,400	1,240	1,000
Contingencies ..	1,000	890	1,000
Petty Repairs ..	150	100	150
Insurance ..	500	500	500
Menials' Clothing ..	50	42	250
Office Furniture ..	1,000	253	200
Building Repairs ..	2,000	2,000	1,500
Provident Fund Share ..	700	691	700
Audit Fee ..	250	250	250
Books, Library ..	1,000	790	1,500
Binding ..	4,500	1,626	2,000
Journal and Memoirs ..	6,500	6,250	5,750
Printing, Circulars, etc. ..	700	620	800
A.R.P. Measures ..	..	2,270	560
War Allowance ..	..	1,176	1,500
TOTAL ..	46,200	43,941	45,140

Extraordinary Expenditure.

	Rs.	Rs.	Rs.
To Permanent Reserve			
by Admission Fees ..	700	688	700
by Compounding Fees ..	..	420	..
TOTAL ..	700	1,108	700

Publications.

The complete volume of the *Journal* for the year has been published and distributed to members. The volume is composed of four numbers (2 *Letters*, 1 *Science* and 1 *Year-Book*) and consists of 642 pages and 10 plates. The Title-pages and Indexes for the three parts of Volume VII, viz. *Letters*, *Science* and *Year-Book*, have been published and issued separately.

Memoirs.—Not much appreciable progress has been made in the printing of *Mahāvvyutpatti* by Alexander Csoma de Kőrös. The whole material in Sanskrit, English and Tibetan has been set up in type and it is estimated that the number will be published during the next year.

The Council at its meeting held in November decided to reduce the number of printed copies of the following publications

of the Society in accordance with the desire of Government to economize in the use of paper:—

Journal and Memoirs—850 copies from 1,000 copies,
Catalogue of Sanskrit Manuscripts, Vols. X and XI—
 500 copies from 1,000 copies.

It is with this end in view, as well as according to the observations of the Bibliotheca Indica Sub-Committee on the high rise of prices of printing paper and its scarcity in the market, that no new work could be sanctioned for the coming year.

Bibliotheca Indica Series.—The following work was published during the year:—

Tirthakalpa edited by Pandit Kedar Nath of Jeypur together with an introductory note by Dr. S. K. Chatterji. It consists of 1-360 pages of text and and pp. i-viii of preliminary matter.

Works in the Bibliotheca Indica Series in which further progress was made during the year are:—

- (1) *The Doctrine of Nimbārka*, Volume III, by Dr. Roma Chaudhuri.
- (2) *Padmāvatī* of Malik Muhammed Jaisi, English Translation and Notes by Mr. A. G. Shirreff, I.C.S.
- (3) *Kuttanimatam*—Edited with notes by Pandit Madhusudan Kaul of Kashmir.

Descriptive Catalogues of Manuscripts in the possession of the Royal Asiatic Society of Bengal:—

- I. (1) *The Descriptive Catalogue of Sanskrit MSS.*, Volume X, Astronomy and Astrology, prepared by MM. H. P. Shastri, and revised and edited by Prof. P. C. Sen-Gupta, has progressed considerably, and if progress can be maintained uninterrupted by the scarcity of paper, the Volume will be published in the coming year (1943).
- (2) *The Descriptive Catalogue of Sanskrit MSS.*, Volume XI, Philosophy, prepared by MM. H. P. Shastri, and revised and edited by Prof. N. C. Bhattacharyya, M.A., Vedantatirtha, has been prepared and sent to the Press, but on account of scarcity of metal and paper it could not progress simultaneously with Volume X.
- II. *Catalogue of Arabic Manuscripts*, Volume II.—Since the death of Khan Bahadur Shams-ul-Ulama Dr. M. Hidayat Hosain, the task of seeing this Volume through the Press was entrusted to Prof. M. Mahfuz-ul Haq, M.A. So far the material prepared by the

late Shams-ul-Ulama was concerned, Prof. Haq has agreed to see it through the Press. This will form Part I of the Volume and it may be issued next year. For the remaining incomplete material for the Volume forming Part II, Prof. Haq has recommended that Dr. S. A. Imam be engaged to complete it.

The following works are still under preparation and as soon as received will be passed on to the Printers:—

- (1) *Haft-Iqlim*, Volume II, by Prof. M. Mahfuz-ul Haq.
- (2) *Amal-i-Salih* or *Shah Jahan Nama*—Index, by M. G. Yazdani.
- (3) *Bhagavad Gita* (in Persian verse) by Dr. Bains Prashad.
- (4) *Maāthir-ul-Umarā*—Volume II, English translation, edited by Dr. Bains Prashad.

Air Raid Precaution Measures Fund.

At the last Annual Meeting of the Society, our Patron, His Excellency the Governor of Bengal, who presided, made a special appeal for donations to the Society to defray the heavy cost of packing, insurance, etc. of the books, manuscripts and pictures, which were removed to places of safety outside Calcutta, as a precautionary measure against air raids. He started the fund himself with a donation of Rs.500. The Society sent letters of appeal to all members and to the Governments of Bengal and India and the response was very satisfactory. Rs.8,500 were realized and the thanks of the Society are due to those who generously contributed to the fund.

General Lectures.

The following General Lectures were delivered before fairly large audiences of members and visitors:—

March 26th	..	Dr. Girindrashekar Bose: Psycho-Analysis.
March 28th	..	Major H. Hobbs: Old-time Clubs in India.
March 30th	..	Dr. C. J. Pao: China To-day with special reference to Cultural Development and her Relations with India.
April 2nd	..	Dr. Sumiti Kumar Chatterji: Romanization of Indian Languages.
April 7th	..	Dr. H. K. Sen: Lac, its biological and other Aspects.
April 15th	..	Dr. K. P. Biswas: The Vegetation of the Borderland of Tennasserim and Thailand (Siam) in the Mergui District, S. Burma.
April 27th	..	Dr. P. K. Ghosh: Indian Mineral Waters.
November 10th	..	Dr. A. A. Bake: Affinity of Indian and Western Music.
November 24th	..	Dr. A. A. Bake: Some Indian Religious and Secular Folk-dances.
December 8th	..	Dr. A. A. Bake: Ladakh and the Dances at the Hemis Monastery.

Cultural Activities.

In addition to general lectures, facilities were offered to scholars for study and research and help was rendered to institutions and scholars outside Calcutta on matters of antiquarian and historical interest.

Discussion meetings are now being held for the first time. The object of these meetings is to afford opportunities to the public for informal discussion in order to stimulate interest in the work of the Society and in Indian culture. Such discussions have taken place fortnightly since August with intervals during the Pujah and Christmas holidays. Invitations to these meetings were extended to members of the Allied Forces (British, Indian, American and Chinese) who are stationed in or in the vicinity of Calcutta. The meetings were very well attended and the topics chosen evoked great interest among all those who were present.

August 27th ..	Major H. Hobbs: Old Calcutta.
September 10th	Capt. F. Kingdon Ward: Burma Frontier and Beyond.
September 24th	Lt.-Col. G. L. Hyde: Chittagong Hill Tracts.
November 19th	Dr. W. G. Griffiths: Peoples of India.
December 3rd ..	Dr. Kalidas Nag: Indian Religions.
December 17th	Mr. C. W. Gurner: Topography of Calcutta (with special reference to the fighting in 1756-57).

General.

Routine work in respect of the local distribution of the Society's publications, circulars, forms, etc. and the keeping up to date of the addresses of members was carried out as usual, but the posting of Journals, etc. to belligerent and many neutral countries affected by the war was either stopped altogether, or was seriously handicapped by delays in shipment.

Printers.

Under the capable superintendence of Mr. G. E. Bingham, the Baptist Mission Press continued to act as our chief printers and gave, as usual, their valuable assistance. Mention also may be made of the help rendered by the Directors of the Inland Printing Works in doing minor printing work for the Society.

Agencies.

Our European, American and Indian Agents remain the same. An extension of the list for Asiatic countries could not be made owing to unsettled conditions.

Exchange of Publications.

The following applications for exchange with the Society's publications were considered by the Council, and its decisions are noted below:—

*Publications of :**To be exchanged with :*

Missouri Academy of Science, U.S.A. . .	Science volume of Journal.
Indian Ceramic Society	Science volume of Journal.

Meetings.

The Ordinary Monthly Meetings of the Society were held regularly with the exception of April, May and the recess months, September and October. The average attendance was 11 members and 1 visitor. The maximum attendance was in November with 13 members and 3 visitors.

There were no meetings of the Medical Section.

Exhibits.

At the Ordinary Monthly Meetings several interesting exhibits were shown and commented upon. The following may be mentioned:—

Nalinaksha Dutt: *Saddharma-pundarika*.

K. N. Bagchi: Some Indigenous Poisons used in Crimes.

R. C. Majumdar: *Rajavijaya-nāṭakam*.

M. Z. Siddiqi: An important MS. of the Poems of four important Poets of Persia: Sa'di, Ḥafiz, Jalāl-i-'Aḍud and Kamāl of Khujand.

Solicitors.

The Society is under obligation to its Solicitors, Messrs. B. N. Basu & Co., for prompt and valuable service rendered during the year. To the head of the firm, Mr. J. N. Basu, it is specially indebted for his courtesy and ungrudging help on all occasions when there was any need to consult him.

Summary.

The year 1942 was one in which the activity and general prosperity of the Society were maintained. Though membership decreased by 7 by reason of the application of rules, by resignation and death, the reputation of the Society stands high as the premier learned Society in the East, as can be seen from new applications for membership, of which 34 were received. On the cultural side, regular Monthly General Meetings, General Lectures, and Discussion Meetings were held, which were well attended. The publications, though unavoidably curtailed for want of paper, consisted of four issues of the *Journal*, which were distributed to all members.

The publications under the head *Bibliotheca Indica* progressed satisfactorily and one work, viz. *Tirthakalpa*, fasc. 2, has been issued during the year. The cataloguing of the Sanskrit and Arabic Sections has progressed satisfactorily. The Council, towards the end of the year, appointed an editor to make up the

arrears in the Arabic Catalogue and it is hoped that substantial progress will be made during the ensuing year. The Council and Committees have performed their duties, contributing much to the success of the Society's activities. There still remains much to be done in the Library, including the rich Manuscript library, in order to implement the recommendations of the Special Enquiry Committee of 1939.

The year under review was generally successful in spite of the reduced activities of institutions in Calcutta and elsewhere on account of the international situation. The output of work in all directions has been fairly large in quantity and valuable in quality. All worked harmoniously in a spirit of good-will and enthusiasm, adding materially to the growth of the Society's scholarly and social prestige.

The Founder of the Society, Sir William Jones, landed in Calcutta in October 1783. In the perilous voyage of those days, taking over six months (April to October 1783), Jones, with the intuition of a real genius, was already dreaming of developing a centre of research wherein would be co-ordinated the multitudinous currents of oriental culture, language and literature, law and social institutions, religion and philosophy, civic and natural science of Man in India against the background of the history of Man in Asia, and this dream was realized by him although his premature death prevented its full achievement. The coming year of 1943 will be the 160th anniversary of his grand 'Passage to India', and the Council requests all well-wishers of the Royal Asiatic Society of Bengal to offer their whole-hearted co-operation to enable it to prepare adequately for the 160th anniversary of the foundation of the Society in January 1784, before the next Annual Meeting. In that expectation and hope this Report may be concluded with these words of our illustrious Founder: 'When I was at sea last August, on my voyage to this country, which I had long desired to visit, I found one evening, on inspecting the observations of the day, that India lay before us, and Persia on our left, whilst a breeze from Arabia blew nearly on our stern. A situation so pleasing in itself, and to me so new, could not fail to awaken a train of reflections in a mind which had early been accustomed to contemplate with delight the eventful histories and agreeable fictions of this eastern world. It gave me inexpressible pleasure to find myself in the midst of so noble an amphitheatre, almost encircled by the vast regions of Asia, which has ever been esteemed the nurse of sciences, the inventress of delightful and useful arts, the scene of glorious actions, fertile in the productions of human genius, abounding in natural wonders and infinitely diversified in the forms of religion and government, in the laws, manners, customs, and languages, as well as in the features and complexions, of men.'

[APPENDIX I]

List of Publications issued by the Royal Asiatic Society of Bengal during 1942.

(a) Bibliotheca Indica :

	Price
	Rs. As .P.
<i>Indian Work :</i>	
Tirthakalpa, Fascicle 2, concluding the work . . .	3 0 0

(b) Journal and Proceedings (Third Series) :

(1) Vol.VIII (Letters), No. 1	7 0 0
(2) " " " " 2	8 8 0
(3) " " (Science) " 1	3 8 0
(4) " " (Year-Book)	7 0 0
(5) Title-pages and Indexes to Vol. VII.	

Abstract Statement
of
Receipts and Disbursements
of the
Royal Asiatic Society of Bengal
for
the Year 1942

STATEMENT No. 1.

General

Income and Expenditure Account

			Rs.	As.	P.	Rs.	As.	P.
TO ESTABLISHMENT :								
Salaries and Allowances ..	..	..	21,877	0	3			
Commission ..	..	..	295	11	6			
War Allowances ..	..	..	1,170	13	0			
						23,343	8	9
GENERAL EXPENDITURE :								
Stationery ..	..	..	299	0	3			
Fans and Light ..	..	..	182	14	9			
Telephone ..	..	..	251	6	0			
Taxes ..	..	..	2,387	5	0			
Postage ..	..	..	926	4	6			
Contingencies ..	..	..	885	2	6			
Printing Circulars, etc. ..	..	..	544	4	3			
Audit Fee ..	..	..	250	0	0			
Petty Repairs ..	..	..	84	15	0			
Insurance ..	..	..	500	0	0			
Menials' Clothing ..	..	..	41	8	0			
Furniture and Repairs ..	..	..	243	2	9			
Interest on Security Deposit ..	..	..	5	0	0			
A.R.P. Expenses ..	..	..	2,654	12	0			
						9,255	11	0
PURCHASE OF INVESTMENTS								
			....			5,047	14	8
LIBRARY AND COLLECTIONS :								
Books ..	..	..	626	5	6			
Binding ..	..	..	1,531	10	6			
						2,158	0	0
Provident Fund Contribution for 1942 ..								
			....			690	9	0
						40,495	11	5
Transfer to Building Repair Fund								
Account ..	..	..	....			2,000	0	0
SUNDRY ADJUSTMENT :								
Bad Debts written-off ..	..	..	....			1,183	8	0
BALANCE AS PER BALANCE SHEET								
			....			2,89,182	13	11

3,32,862 1 4

Fund.

1942.

for the year ended 31st December, 1942.

		Rs.	As.	P.	Rs.	As.	P.
BY BALANCE FROM LAST ACCOUNT	2,82,067	6	4		
CASH RECEIPTS :							
Interest on Investments	9,859	10	6		
Interest on Fixed Deposits	750	0	0		
Advertising	10,200	0	0		
Rent	10,355	0	0		
Miscellaneous	418	10	6		
						31,583	5 0
PERSONAL ACCOUNT :							
Members' Subscriptions	9,024	0	0		
Admission Fees	608	0	0		
Compounding Fees	420	0	0		
Unclaimed Credit Balances	54	0	0		
						10,106	0 0
Investments purchased during the year							
credited at face value	5,000	0	0	
Appreciation on Investments re-valued							
on 31st December, 1942	4,105	6	0	

3,32,862 1 4

STATEMENT No. 2.

Oriental Publication

From a monthly grant made by the Government of Bengal for the publication (Rs.500, Less 20% from the 1st April, 1932), and for the

			Rs.	As.	P.
To Purchase of Investments	..	..	5,047	14	8
Depreciation on Investments re-valued on 31st December, 1942	..	..	6	4	0
Printing	..	..	4,476	12	9
Binding	..	..	125	0	0
A.R.P. Expenses	..	..	1,712	8	0
Balance as per Balance Sheet—		Rs. As. P.			
Rs.5,000 3% War Loan	..	4,993	12	0	
Surplus at date	..	11,356	11	9	
			16,350	7	9
			27,718	15	2

STATEMENT No. 3.

Oriental Publication

From an annual grant made by the Government of Bengal of Historical (Less 20% from the

			Rs.	As.	P.
To Balance from last Account	..	..	8,152	14	7
Printing	..	..	2,687	6	0
Editing	..	..	127	8	0
Binding	..	..	125	0	0
			11,092	12	7

STATEMENT No. 4.

Sanskrit Manuscripts Fund

From an annual grant of Rs.3,200 made by the Government of Bengal by the Society; and Rs.3,600 from the same Government

			Rs.	As.	P.
To Cataloguing	..	..	615	0	0
Binding	..	..	125	0	0
Printing	..	..	1,538	0	6
Repairs to MSS.	..	..	549	6	0
Preservation (A.R.P. Measures)	..	..	8,458	7	6
Balance as per Balance Sheet	..	..	9,440	8	0
			20,726	6	0

Fund No. 1, in Account with R.A.S.B.

1942.

ation of Oriental Works and Works of Instruction in Eastern Languages
publication of Sanskrit Works hitherto unpublished, Rs.250.

			Rs.	As.	P.
By	Balance from last Account	..	14,861	12	8
	Annual Grant ..	..	7,800	0	0
	Interest realized during the year	..	57	2	6
	Investments purchased during the year credited at face value	..	5,000	0	0
<hr/>					
				27,718	15 2
<hr/>					

Fund No. 2, in Account with R.A.S.B.

1942.

Rs.3,000 for the publication of Arabic and Persian Works of
Interest.
1st of April, 1932.)

			Rs.	As.	P.
By	Balance as per Balance Sheet	..	11,092	12	7
<hr/>					
				11,092	12 7
<hr/>					

Account, in Account with R.A.S.B.

1942.

for the publication of the Catalogue of Sanskrit Manuscripts acquired
(Less 20% from the 1st of April, 1932)
for Research Work.

			Rs.	As.	P.
By	Balance from last Account	..	17,846	6	0
	Annual Grant ..	..	2,880	0	0
<hr/>					
				20,726	6 0
<hr/>					

STATEMENT No. 5. *Arabic and Persian Manuscripts*

From an annual grant of Rs.5,000 made by the Government of India for
by the Society; for the purchase of further Manuscripts,
Manuscripts found in
(Less 50% from 1st April,

	Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account..		4,243	11	3
Printing		216	8	0
				<u>4,460</u>	<u>3</u>	<u>3</u>

STATEMENT No. 6.***Barclay Memorial***

From a sum of Rs.500 odd given in 1896 by the Surgeon
encouragement of Medical

	Rs.	As.	P.	Rs.	As.	P.
To Cost of a Medal .. ..	..	....		16	9	0
Balance as per Balance Sheet—						
Rs.700, 3½% G.P. Notes, 1854-55	658	0	0			
Surplus at date	109	5	8			
				<u>767</u>	<u>5</u>	<u>8</u>
				<u>783</u>	<u>14</u>	<u>8</u>

STATEMENT No. 7.***Servants' Pension Fund***

Founded in 1876 as the Piddington Pension Fund

	Rs.	As.	P.	Rs.	As.	P.
To Pension .. ..	..	....		132	0	0
Balance as per Balance Sheet—						
Rs.3,000, 3½% G.P. Notes, 1854-55	2,820	0	0			
Surplus at date	783	10	8			
				<u>3,603</u>	<u>10</u>	<u>8</u>
				<u>3,735</u>	<u>10</u>	<u>8</u>

STATEMENT No. 8.***Annandale Memorial Fund***

From donations by subscription,

	Rs.	As.	P.	Rs.	As.	P.
To Balance as per Balance Sheet—						
Rs.4,000, 3½% G.P. Notes, 1854-55	3,760	0	0			
Surplus at date	901	4	9			
				<u>4,661</u>	<u>4</u>	<u>9</u>
				<u>4,661</u>	<u>4</u>	<u>9</u>

Fund Account, in Account with R.A.S.B.

1942.

the cataloguing and binding of Arabic and Persian Manuscripts, acquired and for the preparation of notices of Arabic and Persian various Libraries in India.
1939.)

	Rs.	As.	P.	Rs.	As.	P.
By Annual Grant	2,500	0	0			
Balance as per Balance Sheet	1,960	3	3			
	4,460	3	3			

Fund Account, in Account with R.A.S.B.

1942.

General, I.M.S., for the foundation of a medal for the and Biological Science.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account	749	2	8			
Interest realized during the year	24	4	0			
Appreciation on Investments re-valued on 31st December, 1942	10	8	0			
	783	14	8			

Account, in Account with R.A.S.B.

1942.

with Rs.500 odd from the Piddington Fund.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account	3,585	14	8			
Interest realized during the year	104	12	0			
Appreciation on Investments re-valued on 31st December, 1942	45	0	0			
	3,735	10	8			

Account, in Account with R.A.S.B.

1942.

started in 1926.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account	4,462	12	9			
Interest realized during the year	138	8	0			
Appreciation on Investments re-valued on 31st December, 1942	60	0	0			
	4,661	4	9			

STATEMENT No. 9. *Permanent Library Endowment*

From gifts received,

	Rs.	As.	P.	Rs.	As.	P.
To Balance as per Balance Sheet—						
Rs.14,000, 3½% G.P. Notes, 1854-55	13,160	0	0			
Surplus at date	3,715	7	8			
				16,875	7	8
				16,875	7	8

STATEMENT No. 10. *Sir William Jones Memorial*

From a sum gifted for the purpose in

	Rs.	As.	P.	Rs.	As.	P.
To Balance as per Balance Sheet—						
Rs.3,000, 3½% G.P. Notes, 1854-55	2,820	0	0			
Surplus at date	463	7	0			
				3,283	7	0
				3,283	7	0

STATEMENT No. 11. *Pramathanath Bose Memorial*

From a sum gifted for

	Rs.	As.	P.	Rs.	As.	P.
To Balance as per Balance Sheet—						
Rs.800, 3½% G.P. Notes, 1842-43	1,692	0	0			
Rs.1,000, „ „ 1865						
Surplus at date	410	5	0			
				2,102	5	0
				2,102	5	0

STATEMENT No. 12. *Joy Gobind Law Memorial*

From a donation for the purpose

	Rs.	As.	P.	Rs.	As.	P.
To Cost of a Medal				359	14	0
Balance as per Balance Sheet—						
Rs.3,000, 3½% G.P. Notes, 1854-55	2,820	0	0			
Surplus at date	103	12	0			
				2,923	12	0
				3,283	10	0

Fund Account, in Account with R.A.S.B.

1942.

started in 1926.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			16,176	7	8
Interest realized during the year			489	0	0
Appreciation on Investments re-valued on 31st December, 1942			210	0	0
				<hr/>		
				16,875	7	8

Fund Account, in Account with R.A.S.B.

1942.

1926, by Dr. U. N. Brahmachari.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			3,133	11	0
Interest realized during the year			104	12	0
Appreciation on Investments re-valued on 31st December, 1942			45	0	0
				<hr/>		
				3,283	7	0

Fund Account, in Account with R.A.S.B.

1942.

the purpose in 1935.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			2,027	12	0
Interest realized during the year			47	9	0
Appreciation on Investments re-valued on 31st December, 1942			27	0	0
				<hr/>		
				2,102	5	0

Fund Account, in Account with R.A.S.B.

1942.

in 1929, by Dr. Satya Churn Law.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			3,088	12	0
Interest realized during the year			104	12	0
Donation			45	2	0
Appreciation on Investments re-valued on 31st December, 1942			45	0	0
				<hr/>		
				3,283	10	0

STATEMENT No. 13. *Calcutta Science Congress Prize*

	Rs.	As.	P.	Rs.	As.	P.
To Cost of two Medals .. ..	....			890	8	0
Balance as per Balance Sheet—						
Rs.3,000, 3½% G.P. Notes, 1854-55	2,820	0	0			
Surplus at date	506	10	7			
				3,326	10	7
				4,217	2	7

STATEMENT No. 14.

Dr. Brühl Memorial

From a sum gifted for the purpose in

	Rs.	As.	P.	Rs.	As.	P.
To Balance as per Balance Sheet—						
Rs.1,000, 3½% G.P. Notes, 1854-55	940	0	0			
Surplus at date	220	15	0			
				1,160	15	0
				1,160	15	0

STATEMENT No. 15.

Building Repair

	Rs.	As.	P.	Rs.	As.	P.
To Repairs during the year			104	13	6
Balance as per Balance Sheet			5,281	12	0
				5,386	9	9

Fund Account, in Account with R.A.S.B.

1942.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			4,067	6	7
Interest realized during the year			104	12	0
Appreciation on Investments re-valued on 31st December, 1942..			45	0	0
				<u>4,217</u>	<u>2</u>	<u>7</u>

Fund Account, in Account with R.A.S.B.

1942.

1929, by the Brühl Farewell Committee.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			1,111	3	0
Interest realized during the year			34	12	0
Appreciation on Investments re-valued on 31st December, 1942			15	0	0
				<u>1,160</u>	<u>15</u>	<u>0</u>

Fund Account, in Account with R.A.S.B.

1942.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			3,386	9	6
Transfer from R.A.S.B. General Fund			2,000	0	0
				<u>5,386</u>	<u>9</u>	<u>6</u>

STATEMENT No. 16.

Provident Fund

From contributions by the

	Rs.	As.	P.	Rs.	As.	P.
To A.R.P. Contingencies .. ..	....			3	0	0
Cost of a stamp .. ..	....			0	1	0
Balance as per Balance Sheet—						
Rs. 6,000, 3½% G.P. Notes, 1900-01	5,640	0	0			
Rs. 5,200, 3% G.P. Notes, 1963-65	4,969	4	0			
Savings Bank and Advances ..	8,754	5	4			
				19,363	9	4
				19,366	10	4

STATEMENT No. 17.

Advances Account,

	Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account			3,428	0	0
Payments during the year			1,930	0	0
				5,358	0	0

STATEMENT No. 18.

Personal

	Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account ..	....			6,235	15	0
Advances ..	....			432	8	6
Unclaimed Credit Balances written back ..	54	0	0			
R.A.S.B.'s Subscriptions, etc. ..	10,052	0	0			
Book Sales, etc. ..	2,667	14	6			
				12,773	14	6

19,442 6 0

Account, in Account with R.A.S.B.

1942.

Society and its Staff.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account ..	....			17,279	0	4
Interest realized during the year ..	21	3	0			
Staff Contribution for the year ..	690	9	0			
Society's Contribution for the year ..	690	9	0			
				1,402	5	0
Interest realized from Savings Bank ..	....			445	13	0
Appreciation on Investments re-valued on 31st December, 1942 ..	....			239	8	0
				19,366	10	4

in Account with R.A.S.B.

1942.

	Rs.	As.	P.	Rs.	As.	P.
By Refunds during the year			1,836	0	0
Balance as per Balance Sheet			3,522	0	0
				5,358	0	0

Account.

1942.

	Rs.	As.	P.	Rs.	As.	P.
By Cash Receipts during the year			14,317	2	6
Bad Debts written off, R.A.S.B.			1,183	8	0
Balance as per Balance Sheet			3,941	11	6

Outstandings.	Amount due to the Society.			Amount due by the Society		
	Rs.	As.	P.	Rs.	As.	P.
Members ...	8,161	11	0	251	13	0
Subscribers, etc. ...	1,004	12	6	6	10	0
Bill Collector's Deposit ...	...	...	...	100	0	0
Miscellaneous ...	222	1	0	88	6	0
	4,888	8	6	446	13	0

19,442 6 0

STATEMENT No. 19.

Publication Fund Account,

		Rs. As. P.	Rs. As. P.
To Journal and Proceedings	4,775 6 0
Balance as per Balance Sheet	7,394 5 3
			<hr/>
			12,169 11 3
			<hr/>

STATEMENT No. 20.

A.R.P. Fund Account,

From a sum donated by His Excellency the Governor of Bengal in
Members of

		Rs. As. P.	Rs. As. P.
To Balance as per Balance Sheet	8,352 10 0
			<hr/>
			8,352 10 0
			<hr/>

STATEMENT No. 21. *Discussion Meeting Fund Capital*

From a sum given by His Excellency the Governor

			Rs. As. P.	Rs. As. P.
To Purchase of Crockery	692 4 9
Purchase of Furniture	1,277 11 3
Contingencies	30 0 0
				<hr/>
				2,000 0 0
				<hr/>

in Account with R.A.S.B.

1942.

		Rs. As. P.	Rs. As. P.
By Balance from last Account ..	..	....	6,931 9 6
Government Grant ..	..	....	1,600 0 0
Book Sales, etc. ..	..	2,667 14 6	
Cash Sale of Publications ..	..	970 3 3	
			<u>3,638 1 9</u>
			<u>12,169 11 3</u>

in Account with R.A.S.B.

1942.

1942 and contributions made by the Government of Bengal and the Society.

	Rs. As. P.	Rs. As. P.
By Contributions received during the year	8,352 10 0
		<u>8,352 10 0</u>

Account, in Account with R.A.S.B.

1942.

of Bengal out of the Bengal War Purposes Fund.

	Rs. As. P.	Rs. As. P.
By Grant	2,000 0 0
		<u>2,000 0 0</u>

STATEMENT No. 22. *Discussion Meeting Fund Running*

From sale proceeds

	Rs.	As.	P.	Rs.	As.	P.
To Purchase of Stationery			4	10	0
Contingent charges (tea, etc.)			201	12	0
				<hr/>	<hr/>	<hr/>
				206	6	0

STATEMENT No. 23. (1) *Deposit Account (Savings Bank*

	Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account ..	....			3,481	4	4
Deposit of Interest realized from loans during the year ..	21	3	0			
Deposit of Contributions during the year	1,381	2	0			
Deposit of Advances returned ..	1,836	0	0			
	<hr/>	<hr/>	<hr/>	3,238	5	0
Interest for the year ..	....			445	13	0
				<hr/>	<hr/>	<hr/>
				7,165	6	4

STATEMENT No. 24. (2) *Deposit Account (Fixed Deposit*

	Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account			50,000	0	0
				<hr/>	<hr/>	<hr/>
				50,000	0	0

Account, in Account with R.A.S.B.

1942.

of Tickets.

			Rs.	As.	P.	Rs.	As.	P.
By Sale of Tickets	..	..	....			152	8	0
Balance as per Balance Sheet	..	..	....			53	14	0
						<hr/>		
						206	6	0

Deposit with Imperial Bank of India).

1942.

	Rs.	As.	P.	Rs.	As.	P.
By Withdrawal for Staff Advances, etc.			1,933	0	0
Cost of a stamp			0	1	0
Balance as per Balance Sheet			5,232	5	4
				7,165	6	4

with Imperial Bank of India).

1942.

		Rs.	As.	P.	Rs.	As.	P.
By Withdrawals during the year	20,000	0	0		
Balance as per Balance Sheet	30,000	0	0		
			<u>50,000</u>	0	0		

STATEMENT No. 25.

(3) Investments

	Rs.	As.	P.
To Balance from last Account	3,00,396	4	0
Purchase of Investments during the year	10,000	0	0
Appreciation Investments re-valued on 31-12-1942	4,841	2	0
	3,15,237	6	0

Face Value Rs.	FUNDS.	Rate @ Rs. %	31st December, 1942, Valuation.	31st December, 1941, Valuation including purchases during the year.	Appreciation or Depreciation.
			Rs. A. P.	Rs. A. P.	Rs. A. P.
	ROYAL ASIATIC SOCIETY OF BENGAL.				
	PERMANENT RESERVE.				
16,700	3½% G.P. Notes, 1842-43	}			
1,59,700	3½% G.P. Notes, 1854-55				
44,300	3½% G.P. Notes, 1865				
6,000	3½% G.P. Notes, 1879				
53,000	3½% G.P. Notes, 1900-01				
2,53,700	3% G.P. Notes, 1896-97	94/0-	2,38,478	2,34,672	3,505
500		80/12-	408	398	5
	TEMPORARY RESERVE.				
12,000	3½% G.P. Notes, 1900-01	94/0-	11,280	11,100	180
11,400	4½% Loan, 1955-60	113/15-	12,988	12,867	121
5,000	3% War Loan, 1951-54	99/14/-	4,993	*5,000	*6
	ORIENTAL PUBLICATION FUND No. 1.				
5,000	3% War Loan, 1951-54	99/14/-	4,993	*5,000	*6
	BARCLAY MEMORIAL FUND.				
700	3½% G.P. Notes, 1854-55	94/0-	653	647	10
	SERVANTS' PENSION FUND.				
3,000	3½% G.P. Notes, 1854-55	94/0-	2,820	2,775	45
	ANNANDALE MEMORIAL FUND.				
4,000	3½% G.P. Notes, 1854-55	94/0-	3,760	3,700	60
	PERMANENT LIBRARY ENDOWMENT FUND.				
14,000	3½% G.P. Notes, 1854-55	94/0-	13,160	12,950	210
	SIR WILLIAM JONES MEMORIAL FUND.				
3,000	3½% G.P. Notes, 1854-55	94/0-	2,820	2,775	45
	PRAMATHANATH BOSE MEMORIAL FUND.				
800	3½% G.P. Notes, 1842-43	94/0-	1,602	1,605	27
1,000	3½% G.P. Notes, 1865				
	JOY GOBIND LAW MEMORIAL FUND.				
3,000	3½% G.P. Notes, 1854-55	94/0-	2,820	2,775	45
	CALCUTTA SCIENCE CONGRESS PRIZE FUND.				
3,000	3½% G.P. Notes, 1854-55	94/0-	2,820	2,775	45
	DR. BRÜHL MEMORIAL FUND.				
1,000	3½% G.P. Notes, 1854-55	94/0-	940	925	15
	PROVIDENT FUND.				
5,200	3% Loan (1933-35)	95/9/-	4,969	4,819	149
6,000	3½% G.P. Notes, 1900-01	94/0-	5,640	5,550	90
3,32,300			3,15,237	3,00,396	4,853
				*10,000	*12

1943]

Receipts and Disbursements.

51

*Account.**1942.*

				Rs.	As.	P.
By Balance as per Balance Sheet	3,15,237	6	0	

3,15,237	6	0
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STATEMENT No. 26.

Cash

For the year ended 31st

To	Rs.	As.	P.	Rs.	As.	P.
Balance from last Account			4,837	13	6
General Fund Account			31,583	5	0
Oriental Publication Fund No. 1 Account			7,857	2	6
Sanskrit Manuscripts Fund Account			2,880	0	0
Arabic and Persian Fund Account			2,500	0	0
Barclay Memorial Fund Account			24	4	0
Servants' Pension Fund Account			104	12	0
Annandale Memorial Fund Account			138	8	0
Permanent Library Endowment Fund Account			489	0	0
Sir William Jones Memorial Fund Account			104	12	0
Joy Gobind Law Memorial Fund Account			149	14	0
Calcutta Science Congress Prize Fund Account			104	12	0
Dr. Brühl Memorial Fund Account			34	12	0
Pramathanath Bose Memorial Fund Account			47	9	0
Provident Fund Account			1,402	5	0
Advances Account			1,836	0	0
Personal Account			14,317	2	6
Publication Fund Account			2,570	3	3
A.R.P. Fund Account			8,352	10	0
Discussion Meetings Fund Capital Account			2,000	0	0
Discussion Meetings Fund Running Account			152	8	0
Savings Bank Deposit Account, Imperial Bank of India, Calcutta			1,933	0	0
Fixed Deposit Account			20,000	0	0
				1,03,420	4	9

Account.

1942..

December, 1942.

By	Rs. As. P.	Rs. As. P.
General Fund Account	40,495 11 5
Oriental Publication Fund No. 1 Account	11,362 3 5
Oriental Publication Fund No. 2 Account	2,939 14 0
Sanskrit Manuscripts Fund Account	11,285 14 0
Arabic and Persian Manuscripts Fund Account	216 8 0
Barclay Memorial Fund Account	16 9 0
Servants' Pension Fund Account	132 0 0
Joy Gobind Law Memorial Fund Account	359 14 0
Calcutta Science Congress Prize Fund Account	890 8 0
Building Repair Fund Account	104 13 6
Provident Fund Account	3 0 0
Advances Account	1,930 0 0
Personal Account	432 8 6
Publication Fund Account	4,775 6 0
Discussion Meetings Capital Account	2,000 0 0
Discussion Meetings Running Account	206 6 0
Savings Bank Deposit Account, Imperial Bank of India	3,238 5 0
Balance as per Balance Sheet—		
In hand	117 2 9
With the Imperial Bank of India, on Current Account	22,913 9 2
		<u>1,03,420 4 9</u>

STATEMENT No. 27.

Balance

As at 31st

LIABILITIES.

	Rs. As. P.	Rs. As. P.
General Fund Account	2,89,182 13 11
Oriental Publication Fund No. 1 Account	16,350 7 9
Sanskrit Manuscripts Fund Account	9,440 8 0
Barclay Memorial Fund Account	767 5 8
Servants' Pension Fund Account	3,603 10 8
Annandale Memorial Fund Account	4,661 4 9
Permanent Library Endowment Fund Account	16,875 7 8
Sir William Jones Memorial Fund Account	3,283 7 0
Pramathanath Bose Memorial Fund Account	2,102 5 0
Joy Gobind Law Memorial Fund Account	2,923 12 0
Calcutta Science Congress Prize Fund Account	3,326 10 7
Dr. Brühl Memorial Fund Account	1,160 15 0
Building Repair Fund Account	5,281 12 0
Provident Fund Account	19,363 9 4
Publication Fund Account	7,394 5 3
A.R.P. Fund Account	8,352 10 0
Personal Account—Sundry Liabilities	446 13 0
		<hr/>
		3,94,517 13 7

We have examined the above Balance Sheet and the appended detailed accounts with the Books and Vouchers presented to us and certify that they are in accordance therewith, and, in our opinion, set forth correctly the position of the Society as at 31st December, 1942.

PRICE, WATERHOUSE, PEAT & Co.,

Calcutta,
29th January, 1943.

Auditors,
Chartered Accountants,
Registered Accountants.

Sheet.

1942.

December, 1942.

ASSETS.

	Rs.	As.	P.	Rs.	As.	P.
Oriental Publication Fund No. 2 Account	11,092	12	7			
Arabic and Persian Manuscripts Fund Account	1,960	3	3			
				13,052	15	10
Advances Account	3,522	0	0			
Personal Account—Sundry Outstandings ..	4,388	8	6			
				7,910	8	6
Discussion Meetings Fund Running Account	....			53	14	0
Deposits:—						
Savings Bank Deposit Account, Imperial Bank of India	5,232	5	4			
Fixed Deposit Account, Imperial Bank of India	30,000	0	0			
				35,232	5	4
Investments Account .. .. .	....			3,15,237	6	0
Cash Account:—						
In hand	117	2	9			
With the Imperial Bank of India, on Current Account	22,913	9	2			
				23,030	11	11
				3,94,517	13	7

C. W. GURNER,
Honorary Treasurer

[APPENDIX III.]

Abstract Proceedings Council, 1942.

(Rule 48 f.)

A.R.P. MEASURES.—Expenditure incurred due to A.R.P. measures taken. Approve action taken by the General Secretary with regard to the evacuation of the rest of the Society's valuable MSS. and rare books, and the expenditure incurred in this connection to be debited to the Sanskrit MSS. Fund Account and Oriental Publication Fund No. 1. No. 2(d), Fin. Com. 23-1-42.

Report on action taken by the General Secretary as A.R.P. measures: (a) Most valuable manuscripts, plates, etc., to Benares, (b) ten valuable paintings to the Government House at Darjeeling, (c) twenty-one busts, Asokan Stone, etc., to the Indian Museum. Approve action taken by the General Secretary. No. 15(1), Council. 29-1-42.

Further emergency measures taken concerning the evacuation of the rest of the Society's most valuable manuscripts, rare books, paintings, etc.: (a) Approve the measures taken by the General Secretary for the removal of the rest of the most valuable MSS., books, to Benares, (b) this consignment not be insured. No. 15(3), Council. 29-1-42.

Circular letter from Imperial Bank of India, Park Street, concerning the custodianship of the securities held by the Bank for safe custody during the emergency period, and reply thereto by the General Secretary. Action approved. No. 3(d), Fin. Com. 18-2-42.

Letter from Dr. S. L. Hora forwarding a scheme for 'Fire Fighting for the Buildings of the Society' prepared by himself and Dr. B. N. Chopra of the Zoological Survey of India. The thanks of the Council be conveyed to Dr. S. L. Hora and Dr. B. N. Chopra for their suggestions. After discussion it was resolved to constitute a Special Sub-Committee consisting of the ex-officio members, Sir John Lort-Williams and Dr. S. L. Hora as members with power to do whatever is necessary for further A.R.P. measures in the Society. No. 13, Council. 23-2-42.

The Acting General Secretary (Dr. S. L. Hora) placed before the meeting the A.R.P. (Fire-Fighting) Scheme for the Buildings of the Royal Asiatic Society of Bengal prepared by Drs. S. L. Hora and B. N. Chopra and a statement of the expenses incurred so far on A.R.P. measures. A statement of the general financial position of the Society was also examined. The Scheme was generally approved, subject to the following observations:

No steps should be taken to protect the main entrance hall for the time being as this portion of the Building may be acquired by the A.R.P. authorities to serve as a Public Shelter.

Instead of an expensive First-Aid Kit, the necessary articles should be purchased and kept in an ordinary wooden box.

Besides pickaxes and shovels, a few pairs of tongs for picking up phosphorus pellets should also be provided.

Instead of *Chaubachas*, metal tanks, each costing about Rs.25, should be provided.

Application for the additional stirrup pump required should be made to the proper authorities so as to obtain it free of cost.

Ten reliable men living on the premises should be thoroughly trained in fire-fighting methods and on approved service should be given an allowance of Rs.3 per month. Mr. Gupta, a member of the staff trained for A.R.P. work, should be given an allowance of Rs.10 per month provided he trains the men in the mornings and undertakes to stay in the premises when an emergency actually arises.

The stirrup pump squad on the roof be provided with steel helmets.

It was not considered necessary to sink a tube-well on the premises.

It was not considered necessary to apply the Fire Resisting Paint.
A.R.P. Sub-Com. 28-2-42.

The donation made by H.E. the Governor of Bengal, and the question of starting a fund for meeting the heavy expenditure incurred by the Society for evacuating valuable treasures for safe custody outside Calcutta. After discussion, it was resolved to appeal to the general body of members for donations and the following draft was approved to be issued:

'To

THE MEMBERS, ROYAL ASIATIC SOCIETY OF BENGAL.

Air Raid Precautions Fund.

At the Annual Meeting of the Society, held on the 2nd February, 1942, His Excellency Sir John Arthur Herbert, G.C.I.E., Governor of Bengal and Patron of the Society, in his address made the following observations regarding the Air Raid Precaution Measures which have been forced upon the Society in view of the existing emergency:

"Now that the war is closing in upon us in India the Society, looking to the future, has taken steps to safeguard its most valuable manuscripts and historical objects by sending them to Benares and elsewhere.

The cost of insurance, packing, freight, etc., has already amounted to Rs.7,000 and the total sum involved will be considerably more. This Society has to depend on the good will of scholars and public-spirited men devoted to the advancement of civilization and has no large funds at its disposal. The heavy burden of the extraordinary expenditure forced upon the Society by the exigencies of war must be met by some special means. I ask you, therefore, for further donations to the Society to ensure the safe custody of its ancient treasures and for the continuation of its valuable work. So as to start a subscription list I myself am giving Rs.500 towards this end.....

The Members of the Society are believers in the successful development of the true arts and it is our duty to maintain the treasures of the past for the benefit of future generations. It is for this that I appeal for donations to the Society in the sincere hope that my contribution will be followed by others."

The Council has decided to issue an appeal to the Members of the Society in the firm belief that the subscription list so auspiciously started by His Excellency will meet with a generous response. It is expected that at least Rs.15,000 will be needed to meet the cost of the A.R.P. measures and Members are earnestly requested to subscribe to the fund liberally. *No subscription can be either too large or too small and as a suggestion it might be, say, a minimum of one-tenth of a month's income.*'
No. 14, Council. 23-2-42.

The question of charging an extra amount upon all subscription bills in order to help defray expenses incurred by the Society in connection with the A.R.P. measures already taken. Until further orders add on all quarterly subscription bills the following:

Voluntary donation towards extra cost incurred = (Rs.11,000 odd) in removing to safety valuable possessions.	Rs.5-0-0
--	----------

Separate appeal to be sent to members paying annually or by means of bankers' orders, mentioning that members paying quarterly are being asked to add voluntary donation of Rs.5 to their quarterly payments and stating total cost incurred to date. No. 1, Council. 25-3-42.

Note from the Honorary Treasurer, dated 13-3-42, requesting the Council to authorize payment of the staff on the signature of the General Secretary and Honorary Treasurer alone without the formalities of counter-signature in the event of an emergency necessitating such action (referred by the Finance Committee to the Council). The General Secretary and/or the Honorary Treasurer be authorized to pay the staff in the event of any war emergency without requiring an order as prescribed in Rule 52. No. 8, Council. 25-3-42.

Letter from Dr. Baini Prashad, dated 20-3-42, requesting the Council of the Society to consider the removal to a place of safety at least 10 copies each of the various publications of the Society. Accept suggestion. No. 19, Council. 25-3-42.

Report receipt of donations of Rs.1,000 from Lt.-General Sir Kaiser Shumser Jung Bahadur Rana of Nepal and Rs.500 from the Maharajadhiraja of Darbhanga to the A.R.P. Fund of the Society. Record. Thanks of the Council to be conveyed to the donors. No. 2, Council. 22-5-42.

Letter, dated 28-5-42, from the Secretary to the Education Dept. Misc. Branch, Government of Bengal, intimating the sanction by the Government of a non-recurring grant of Rs.4,000 to the A.R.P. Fund of the Society. Action taken by the General Secretary approved. Thank Mr. Gurner for preparing the draft of the appeal to the Government. No. 1, Council. 10-6-42.

The question of removal of 10 each of the Society's various publications to Benares. Remove the complete sets to different places. Regarding storage space at Benares, Dr. B. Prashad be requested to advise on the matter. No. 12, Council. 13-7-42.

ANNUAL MEETING.—Letter from the Private Secretary to H.E. the Governor of Bengal, dated 15-1-42, intimating acceptance by His Excellency the invitation of the Society to preside over the Society's Annual Meeting on 2-2-42. Record. No. 1, Council. 29-1-42.

The question of inviting H.E. the Governor of Bengal to preside over the Annual Meeting of the Society in February, 1943. Invite. No. 9, Council. 14-12-42.

ASSOCIATE MEMBERS.—Letter from Dr. Meghnad Saha, dated the 16th June, forwarding a letter from Prof. P. C. Sen-Gupta and requesting the Council to pass a resolution that 'Prof. Sen-Gupta be awarded the title of Mahamahopadhyay'. Propose the name of Prof. Sen-Gupta for election as an Associate Member of the Society to the next Ordinary Monthly Meeting as prescribed in Rule No. 13. No. 11, Council. 13-7-42.

Re-election of two Associate Members after the completion of a term of five years. Propose the names of Rev. P. Johannis and MM. Ananthakrishna Sastry to the next Ordinary Monthly Meeting for re-election as Associate Members of the Society for a further period of five years as prescribed in Rules 2 and 13. No. 2, Council. 10-8-42.

Letter from the Most Rev. the Metropolitan of India, Burma and Ceylon, proposing the name of Mr. W. Birney for election as an Associate Member of the Society. The Metropolitan of India be requested to supply a complete list of Mr. Birney's publications for consideration of the proposal contained in his letter; meantime Mr. Birney be permitted to make use of the Society's library in accordance with the Library Regulations. No. 13, Council. 11-9-42.

Letter, dated 30-9-42, from Mr. W. Birney together with his publications in connection with his election as an Associate Member as proposed by the Metropolitan. Publications be sent to Dr. Kalidas Nag for favour of opinion. No. 14, Council. 5-10-42.

Opinion by Dr. Kalidas Nag on the letter addressed to him as per Council order of 5-10-42 in connection with the proposal by the Metropolitan of India for the election of Mr. W. Birney as an Associate Member of the Society. Propose the name of Mr. W. Birney for election as an Associate Member of the Society to the next Ordinary Monthly Meeting as prescribed in Rule 13. No. 18, Council. 23-11-42.

BIBLIOTHECA INDICA.—Grant of permission by the Nagri Pracharini Sabha of Benares to Mr. A. G. Shirreff, I.C.S., for publishing the English Translation of 'Padmavati' (Benares Edition) in the Bibliotheca Indica Series. Record. No. 3, Council. 20-2-42.

Letter, dated 20-4-42, from Mr. M. Wajahat Hosain requesting payment of editing fee of 'Bayazid Byat' amounting to Rs.127-8-0, due to his father, the late Dr. M. Hidayat Hosain. Pay to legal representatives. No. 2(a), Fin. Com. 15-5-42.

Letter from Mr. N. C. Vedantatirtha requesting to be allowed to edit and translate certain works in the Bibliotheca Indica Series. Mr. N. C. Vedantatirtha be requested to submit a report in connection with (i) the amount of work that remains to be completed; (ii) approximate time that will be required to complete the text in press copy; and (iii) statement as to the MS. material which will be at his disposal to bring out a good text of Kiranavali. No. 3, Bib. Ind. Sub-Com. 23-9-42.

The question of reprinting the price lists of the Society's publications. Complete and print as cheaply and neatly as possible. List of important articles from Journal and Memoirs should also be printed in the form of a price list. No. 4, Bib. Ind. Sub-Com. 23-9-42.

Consideration of reprinting the following works in the Bib. Ind. Series, which have been sold out and are in great demand: (a) Ain-i-Akbari, (b) Rasarnavam, (c) Suryasiddhanta, (d) Naradasmriti, and (e) Visnumriti. (i) Call for detailed information about their sales; (ii) enquire from Prof. P. C. Sen-Gupta of his willingness to see the proofs of Suryasiddhanta at the rate of As.8 per page. No. 5, Bib. Ind. Sub-Com. 23-9-42.

Descriptive Catalogue of Jaina Manuscripts in the Collection of the Society. Request Dr. Kalidas Nag to submit a report suggesting a suitable editor for the Catalogue and a financier to give a grant for the necessary expenditure of bringing out this work. No. 6, Bib. Ind. Sub-Com. 23-9-42.

CATALOGUES.—Consideration for the appointment of a new editor and reviser for the Arabic Catalogue of the Society left incomplete by the demise of Dr. M. Hidayat Hosain. Postpone for consideration by the next meeting; the General Secretary is to prepare a report with regard to the remaining volumes of the Catalogue, in consultation with the Joint Philological Secretary. No. 3, Pub. Com. 18-3-42.

Report of Dr. S. K. Chatterji on the Introduction to the Catalogue of Bengali manuscripts by Mr. J. N. Gupta. Print only 8 pages of the Introduction in consultation with Dr. S. K. Chatterji. No. 13, Pub. Com. 17-4-42.

Materials for the Arabic Catalogue left incomplete by the demise of Dr. M. Hidayat Hosain. The proposal of Prof. M. M. Haq be accepted. Thank Prof. Haq for his offer of editing the Arabic Catalogue without remuneration. No. 1, Pub. Com. 10-8-42.

Letter from the Joint Philological Secretary suggesting the name of Dr. S. A. Imam as the editor of the Catalogue of Arabic MSS. Accept the suggestion. No. 16, Council. 14-12-42.

COMMITTEES.—The constitution of various Standing Committees of the Society for the year 1942. The committees be constituted as under:—

(a) *Finance*: President, Treasurer, General Secretary (*Ex-officio*): Sir John Lort-Williams; Hon. Mr. Justice N. G. A. Edgley; Dr. S. L. Hora.

(b) *Library*: President, Treasurer, General Secretary (*Ex-officio*): Sectional Secretaries; Khan Bahadur K. M. Asadullah.

(c) *Publication*: President, Treasurer, General Secretary (*Ex-officio*): Sectional Secretaries; Dr. S. K. Chatterji.

(d) *Bibliotheca Indica*: President, Treasurer, General Secretary (*Ex-officio*): Dr. S. K. Chatterji; Prof. M. M. Haq; Mr. V. Vedantatirtha; Dr. S. C. Law; Dr. M. Z. Siddiqi; Sir Jadunath Sarkar; Dr. Baini Prashad; Mr. T. N. Ramchandran.

No. 12, Council. 23-2-42.

The President raised the point of having more general meetings and discussions on matters of general interest. After discussion, it was resolved to constitute a Standing Programme Sub-Committee consisting of the ex-officio members (President, General Secretary and Treasurer), Sir John Lort-Williams and Dr. K. N. Bagchi as members, with power to arrange meetings of the Society so as to make them more interesting and popular for the Society's Members. No. 9, Council. 23-2-42.

Appointment of the Chairman and Secretary of the Committee. Sir John Lort-Williams and Dr. B. S. Guha be appointed as Chairman and Secretary of the Programme Sub-Committee respectively. Some ordinary members outside the Council be co-opted to the Programme Sub-Committee. No. 1, St. Prog. Sub-Com. 23-2-42.

Appointment of the Chairman and Secretary of the Library Committee in conformity with Rule 63. Dr. J. B. Grant and Dr. S. L. Hora be appointed as Chairman and Secretary respectively of the Library Committee. No. 1, Lib. Com. 10-4-42.

Appointment of the Chairman and Secretary of the Publication Committee in conformity with Rule No. 63. Dr. S. K. Chatterji and Dr. N. Dutt be appointed as Chairman and Secretary respectively of the Publication Committee. No. 1, Pub. Com. 10-4-42.

Appointment of the Chairman and Secretary of the Finance Committee in conformity with Rule No. 63. The subject referred to this Committee being *Finance*, the Committee thinks it desirable that the President and General Secretary should be the Chairman and Secretary of the Committee respectively and appoints them accordingly. No. 2, Fin. Com. 10-4-42.

Appointment of a Chairman and Secretary of the Bibliotheca Indica Sub-Committee in conformity with Rule 63. Dr. N. Dutt and Prof. M. M. Haq be appointed as Chairman and Secretary respectively of the Bibliotheca Indica Sub-Committee. No. 2, Bib. Ind. Sub-Com. 23-9-42.

Circular letter from the President and report and recommendations arising therefrom as a result of the Special Meeting of the Council held on 3-8-42. Refer to the Standing Programme Sub-Committee with power to act. The Hon'ble Mr. Justice N. G. A. Edgley and Mr. L. R. Fawcus be elected to serve as additional members of the Standing Programme Sub-Committee.

In carrying out the recommendations, the Committee must not involve the Society in any major financial commitments. No. 12, Council. 10-8-42.

COUNCIL.—The President informed the Council that he had designated, in accordance with the Provisions of Rule 47, Dr. S. L. Hora, Library Secretary, to carry on the duties of the General Secretary during the latter's absence from Calcutta and now he wished the approval of the Council for this action and for the continuance of the arrangements till the return to Calcutta of the General Secretary. The Council approved the arrangements made. Prel. Council. 23-2-42.

Letter from Dr. B. S. Guha, General Secretary, dated 29-4-42, intimating absence from Calcutta for three months from 1st May, 1942. Dr. Hora, Library Secretary, be requested to carry on the duties of the General Secretary in addition to his own, for the time being, and to write to Dr. Guha, explaining the position under the rules and requesting him to tender his resignation so as to enable the Council to put the matter in order. No. 8, Council. 22-5-42.

Letter from the General Secretary, Dr. S. B. Guha, dated 11-7-42, to the President.

In view of the circumstances explained in the letter, it was resolved to treat the letter of Dr. Guha as his resignation of the office of General Secretary of the Society, and to appoint Dr. S. L. Hora, Library Secretary, in his place, subject to confirmation by the next Ordinary Monthly Meeting as prescribed in Rule 45.

It was also resolved to convey the cordial thanks and appreciation of the Council to Dr. Guha for the valuable services rendered by him as General Secretary of the Society since July 1939. No. 13, Council. 13-7-42.

Letter from Dr. M. N. Saha, dated 8-8-42, proposing that Dr. R. C. Majumdar be appointed as a Member of Council to fill up the vacancy caused by the resignation of Dr. B. S. Guha, appointment of Dr. Hora as General Secretary and his resignation as Library Secretary. Dr. R. C. Majumdar be nominated as Library Secretary subject to the confirmation of the next Ordinary Monthly Meeting as prescribed in Rule 45. No. 11, Council. 10-8-42.

Preliminary Report of the Sub-Committee appointed by the Council on 23-11-42. Adopt. On the proposal of the Honorary Treasurer, it was resolved that the budget for the coming year be so adjusted as to avoid increase in total normal expenditure owing to the new arrangement. No. 1, Sp. Council. 4-12-42.

Informal consideration of composition of Council for 1942-43. At the outset, Dr. Hora, the General Secretary, intimated that owing to pressure of work, it would not be possible for him to carry on the duties of the General Secretary and requested the Council to relieve him of his office with effect from the 8th December.

In compliance with the request, it was resolved to accept his resignation of the office of General Secretary, and to appoint Dr. Kalidas Nag, Historical and Archaeological Secretary, in his place, subject to confirmation by the next Ordinary Monthly Meeting as prescribed in Rule 45.

It was also resolved to appoint Dr. R. C. Majumdar, Library Secretary, as Historical and Archaeological Secretary, and Dr. S. L. Hora as Library Secretary, in place of Dr. Nag and Dr. Majumdar respectively subject also to confirmation as prescribed in the said Rule.

After discussion with regard to the nomination of persons for election to next year's Council, the following were informally nominated to be voted upon at the next meeting of the Council in December.

President

Dr. Syamaprasad Mookerjee, M.A., B.L., D.Litt., Barrister-at-Law.

Vice-Presidents

Dr. C. S. Fox, D.Sc., M.I.Min.E., F.G.S., F.N.I., F.R.A.S.B.

Sir John Lort-Williams, Kt., K.C.

Dr. Meghnad Saha, D.Sc., F.R.S., F.N.I., F.R.A.S.B.

Dr. S. C. Law, M.A., B.L., Ph.D., F.Z.S., M.B.O.U., F.N.I.

Secretaries and Treasurer

General Secretary.—Dr. Kalidas Nag, M.A., D.Litt.

Treasurer.—C. W. Gurner, Esq., C.S.I., I.C.S.

Philological Secretary.—Dr. Nalinaksha Dutt, M.A., Ph.D., D.Litt.

Joint Philological Secretary.—Dr. M. Z. Siddiqi, M.A., Ph.D.

Natural History Secretaries:

Biology.—Dr. S. P. Agharkar, M.A., Ph.D., F.N.I.

Physical Science.—Dr. K. N. Bagchi, B.Sc., M.B., F.I.C., D.T.M., F.N.I.

Anthropological Secretary.—Dr. W. G. Griffiths, M.A., B.D., B.Sc., Ph.D.

Historical and Archaeological Secretary.—Dr. R. C. Majumdar, M.A., Ph.D., F.R.A.S.B.

Medical Secretary.—Dr. J. B. Grant, M.D., M.P.H., F.A.P.H.A.

Library Secretary.—Dr. Sunder Lal Hora, D.Sc., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B.

Other Members of Council

The Hon'ble Mr. Justice N. G. A. Edgley, M.A., I.C.S., J.P., Barrister-at-Law.

L. R. Fawcett, Esq., C.I.E., I.C.S.

Dr. B. C. Law, M.A., B.L., Ph.D., D.Litt., F.R.G.S., F.R.A.S.B.

Dr. M. Ishaque, M.A., B.Sc., Ph.D.

Informal consideration of composition of Council for 1943-44. It was resolved that the list of candidates proposed at the Special Meeting of the Council on 4-12-42, including the name of Mr. Percy Brown, be the Council's nominees for election to next year's Council, and to order it be sent out to the Resident Members as prescribed in Rule 44. No. 11, Council. 14-12-42.

DISCUSSION MEETINGS.—Monthly meetings for discussion with an opener. (a) Monthly meetings for discussion to be held once a month with an opener, who should not take more than 15 minutes to introduce the topic—to be followed by a discussion lasting for about 45 minutes. Ordinary members wishing to take part in the Discussion Meetings may be asked to inform the Secretary regarding topics they would like to have discussed one month before. (b) Prof. S. K. Chatterji be requested to name subject and open the first discussion. No. 4, St. Prog. Sub-Com. 23-3-42.

Should visitors be invited? No objection to the visitors being invited to the Discussion Meetings. No. 5, St. Prog. Sub-Com. 23-3-42.

The General Secretary is requested to draw up a draft of Regulations for 'Discussion', upon the lines of the Regulations for Lectures, for approval by the Council. No. 20, Council. 25-3-42.

Draft Regulations regarding Discussion Meetings. Recommend the Regulations for adoption by the Council. No. 2, St. Prog. Sub-Com. 7-7-42.

Adoption of the Regulations regarding 'Discussion Meetings' recommended by the Standing Programme Sub-Committee. Adopt. Report for information of the next Ordinary Monthly Meeting as prescribed in Rule 48(a). No. 7, Council. 13-7-42.

Circular letter from the President, and report and recommendations arising therefrom as a result of the Special Meeting of the Council held on 3-8-42. Refer to the Standing Programme Sub-Committee with power to act. The Hon'ble Mr. Justice N. G. A. Edgley and Mr. L. R. Fawcus be elected to serve as additional members of the Standing Programme Sub-Committee.

In carrying out the recommendations, the Committee must not involve the Society in any major financial commitments. No. 12, Council. 10-8-42.

Circular letter from the President, and report and recommendations arising therefrom as a result of the Special Meeting of the Council held on 3-8-42. Hold an inaugural Discussion Meeting on Thursday, the 27th August, 1942. The meeting to begin with tea and light refreshments in the hall of the Society at 5 p.m. to be followed by an informal discussion. Major Harry Hobbs be requested to open the discussion on 'Old Calcutta'.

Invitation to the meeting be sent to all the Resident Members of the Society and invitation cards be printed and forwarded to Brigadier Williams for distribution among the Officers of various regiments now stationed in Calcutta with a covering letter by the President giving details of the scheme and asking his views as to the manner in which it might be developed. No. 2, St. Prog. Sub-Com. 13-8-42.

Report receipt of Rs.2,000 from H.E. the Governor of Bengal out of the War Purposes Fund to meet the capital expenditure in connection with the Discussion Meetings. Record with thanks. No. 4, Council. 11-9-42.

Bill, dated 12-9-42, for Rs.30 from Radio Supply Stores Ltd. on account of hire charges of microphone for the Discussion Meeting on 10-9-42 was considered and it was decided to pay it out of the grant for Rs.2,000 made by His Excellency from the War Purposes Fund. No. 2, St. Prog. Sub-Com. 22-9-42.

With regard to recurring charges incurred in connection with the Discussion Meetings, it was decided that the charges for printing and postage of meeting notices and electric current should be borne by the Society, while a special account should be maintained for income and expenditure for refreshment and other contingent charges. If this account runs into a deficit exceeding a sum of Rs.50, the matter should be reported to the Council. A separate account should be maintained of the expenditure incurred from the grant of Rs.2,000 made by His Excellency from the War Purposes Fund. No. 3, St. Prog. Sub-Com. 22-9-42.

It was decided that a Stock Register of the articles purchased out of the grant made by His Excellency should be maintained and that after each meeting the stock should be checked and carefully stored away. No. 5, St. Prog. Sub-Com. 22-9-42.

Consideration of the purchase of a loud-speaker for the Discussion Meetings and a letter, dated 26-10-42, from the Honorary Treasurer enclosing copy of a letter, dated 1-10-42, from Mr. Baker, Additional Secretary to H.E. the Governor of Bengal. Purchase and report to the Council. No. 4, St. Prog. Sub-Com. 2-11-42.

The question of purchase of a speech equipment as proposed by the Standing Programme Sub-Committee. Approve proposal of the Standing Programme Sub-Committee. Supplement contribution from H.E.'s

War Purposes Fund by a sum of Rs.250 if found necessary from the Society's General Fund. No. 4(c), Fin. Com. 20-11-42.

Minutes of the Standing Programme Sub-Committee on 2-12-42. Accept. In view of the fact that the expenses in connection with the Discussion Meetings are found to be higher than the income, it was resolved that the Society's donation be raised from Rs.50 to Rs.100 for the current year. No. 13, Council. 14-12-42.

EXCHANGES.—Application for an exchange of publication from the Missouri Academy of Science, U.S.A. Exchange with the Science volume of the Journal beginning with Vol. VIII, 1942. No. 2, Lib. Com. 10-6-42.

Circular letter from the Royal Irish Academy, Dublin, intimating that the Proceedings of the Academy sent in exchange of our Journal, Year-Book and Memoirs will not be despatched till conditions become normal. To be recorded. No. 2, Lib. Com. 13-7-42.

A request from the Indian Ceramic Society to exchange their Transactions with our publication. To be exchanged with the Science part of the Journal starting from Vol. VIII, 1942. No. 2, Lib. Com. 10-8-42.

FINANCE.—Some points concerning the Publication Fund Accounts (Statement No. 19), in the Annual Statement of Accounts. (a) The amount of Rs.6,471-13-6 shown under heading Publications on page (ii) of the Abstract Statement of Accounts for 1941 as cost of printing of publications during 1941 to be debited to the Publication Fund. (b) Also resolved: That the grant of Rs.1,600 received from the Government of Bengal for publication of Journal, Proceedings and Memoirs, should also be credited to the same fund, and that in future the same procedure should be followed. No. 2(c), Fin. Com. 23-1-42.

Auditors' Report for the year 1941. Record. Immediate steps be taken for the recovery of arrears mentioned in the report and write off those that appear to be irrecoverable. No. 3(b), Fin. Com. 20-2-42.

The question of investment of Rs.10,000 in $3\frac{1}{2}\%$ War Loan as recommended and accepted by the last meeting of the Finance Committee and Council respectively. Rs.10,000 to be invested in 3% War Loan and the investment to be shown against the various accounts from which the several sums making up the total amount will be taken. No. 2, Fin. Com. 10-8-42.

The question of re-appropriation of the general binding fund (Library) for the purpose of binding of Arabic MSS. Rs.200 to be re-appropriated from the general book binding allotment for binding of the Arabic MSS. The Joint Philological Secretary be requested to examine and report on the manuscripts needing binding and repairs. No. 13, Fin. Com. 11-9-42.

GENERAL LECTURES.—Suggestion for making some minor amendments in the existing Regulations regarding General Lectures. Recommend the amended Regulations regarding General Lectures for adoption by the Council. No. 3, St. Prog. Sub-Com. 7-7-42.

Report by the General Secretary on getting the loan of cine-film projector for the General Lectures of the Society on 24th November and 8th December through the kind offices of Dr. J. B. Grant, Director of the Institute. Record with thanks to Dr. Grant. No. 17, Council. 23-11-42.

Offer by Mr. R. M. Hawes, 101, Clive Street, of giving a General Lecture to the Society. Mr. Hawes be asked to give a communication to the Monthly Meeting of the Society in the first instance. No. 2, St. Prog. Sub-Com. 2-12-42.

LIBRARY.—Letter from Mr. O. C. Gangoly of 15-1-42, suggesting acquisition of certain Journals devoted to Indian Culture as per list sent. The list was referred to Khan Bahadur Asadullah by the Library Committee of January 1942 for details about the Journals suggested therein. Khan Bahadur Asadullah supplied details only about a few of the Journal from the records in the Imperial Library. Enquire if the Journals are available in the Art Section of the Indian Museum or in the Library of the Bengal Government School of Art. No. 5, Lib. Com. 20-2-42.

Dr. Kalidas Nag suggested that measures should be taken for the preservation and safe custody of the Society's old records. Agree. The work of preservation be carried out under the direction of Dr. K. N. Bagchi. No. 6, Lib. Com. 20-2-42.

Application from the Librarian, Punjab University, Lahore, dated 17-2-42, requesting permission for copying the MS. 'Anupada Sutram' which is with him on loan from the Society. Grant. No. 15. 23-2-42.

Letter from the Jt. Editor, Journal of the Music Academy, Madras, requesting the Society to subscribe to his Journal. Subscribe. No. 1, Lib. Com. 18-3-42.

List of members who have not returned the books to the Society's Library in spite of several reminders. Enforce the Library Regulations. No book be issued to such who contravene them. Personal letters be sent to all who have not returned the books after three months. No. 3, Lib. Com. 10-4-42.

Report of return of 6 books by Mr. H. K. Deb, which were issued on loan in 1932-33. Record with thanks to the General Secretary for his efforts in recovering these books. No. 4, Lib. Com. 10-4-42.

The question of subscribing to 'The New Indian Antiquary' (yearly subscription, Rs.12). Subscribe from the first number of the Journal. No. 1, Lib. Com. 15-5-42.

The Chairman (Dr. J. B. Grant) raised the point of the actual mode of administration of the Library and particularly about the functions of the Librarian. It was resolved to request the General Secretary to prepare a note about these matters for circulation to the members of the Library Committee. No. 4, Lib. Com. 10-6-42.

Dr. Kalidas Nag requested the Chairman to use his personal influence for obtaining the catalogues and the publications of the Library Association of America, Rockefeller Foundation (Humanities Section), and Carnegie Institute for the Society's Library. No. 5, Lib. Com. 10-6-42.

Report by the Library Secretary on the return of books borrowed from the Library. To be recorded; Sir U. N. Brahmachari be requested to make good the loss of the Year-Books of the Society for 1934 and 1940 which are still outstanding against his name in Library Registers. No. 1, Lib. Com. 13-7-42.

Report receipt of the Year-Books of 1934 and 1940 as presentation from the Royal Society, London. Thanks of the Society be conveyed to the Royal Society for this presentation. The amount of Rs.10 given by Sir U. N. Brahmachari be credited to the general account of the Society. No. 2, Council. 23-11-42.

Report on repairing the Karli Album. To be recorded; a bill for repairing the Album amounting to Rs.50-10-0 be presented to Dr. St. Kramrisch for payment. No. 4, Lib. Com. 13-7-42.

Report on the administration of the Library and on the functions of the Librarian by the General Secretary. A Sub-Committee be formed

consisting of the ex-officio members, Dr. J. B. Grant and Khan Bahadur K. M. Asadullah to look into the matter and report. No. 3, Lib. Com. 10-8-42.

Fixing the office and Library hours as a result of the change in the Indian Standard Time with effect from 1st September, 1942. Office and Library from 10 a.m. to 5 p.m., and 10 a.m. to 2 p.m. and 10 a.m. to 5 p.m. on Saturdays respectively. No. 9, Council. 10-8-42.

Request from the Secretaries, Bharatiya Visya Bhavan, dated 5-9-42, for permission to have chapters 1 and 99 of the Vayu Purana manuscript copied for their use. Grant. The Secretaries be asked to make proper acknowledgment in the event of using the copy for any publication by their institution. No. 18, Lib. Com. 11-9-42.

Application from the Library staff to close the Library during the ensuing Puja holidays. In view of the exceptional circumstances prevailing in these days, Library to remain closed during the Puja holidays, this is not to serve as precedent for the future. No. 2, Lib. Com. 5-10-42.

Report of the Library Sub-Committee which met on 19-8-42, 16-9-42 and 2-10-42 to look into the administration of the Society's Library and the functions of the Librarian. Thanks to members of the Library Sub-Committee and especially to Khan Bahadur K. M. Asadullah for his valuable report on the working of the Library. Report approved. No. 3, Lib. Com. 5-10-42.

Question of subscribing to the—(1) Modern Review—Rs.8 per year; (2) Report of the British Association for the Advancement of Science (5s½. a quarterly number), and acquisition of back numbers; (3) Chronica Botanica—\$7.50 annually. Subscribe to Modern Review and Report of the British Association for the Advancement of Science. Back numbers of the latter to be purchased. Exchange Science number of Journal for Chronica Botanica. Offer 'Letters' volume of Journal for exchange with the Proceedings of the British Academy. No. 4, Lib. Com. 5-10-42.

Report of the presentation by the Royal Society of London of its Year-Books for 1934 and 1940. Record with thanks to Royal Society of London. No. 3, Lib. Com. 20-11-42.

LOAN OF MANUSCRIPTS.—Letter from the Keeper of the Records of the Government of India, dated 14-2-42, requesting the return of the 36 Turki Books and MSS. lent to the Society in 1920. Return. Request for the payment of incidental expenses incurred for returning the books and MSS. No. 2, Council. 20-2-42.

Application from the Registrar, Madras University, requesting an extension of the period of loan of the three MSS. of Vedantakaumudibhasyadipika and Raghuvamsa for three months. Grant as a special case, but the applicant be informed that further extension will not be granted. No. 10, Council. 23-2-42.

Application for extension of the period of loan of three MSS. from the Punjab University, Lahore. Grant extension for a further period of two months. No. 4, Council, 25-3-42.

Application from the Librarian, Punjab University Library, Lahore, for an extension of the loan of three MSS. (Anupadasutram, Kalpanupada-Sutram, Tandalakshana-Sutram) for a further period of two months from 21-4-42. Grant and intimate that no application for further extension can be entertained. No. 12, Council. 17-4-42.

MEDALS.—Recommendations of the meeting of the Paul Johannes Brühl Memorial Medal Advisory Board, held on 15-1-42. Accept. The existing Regulations governing the award of the Brühl Memorial Medal be

amended in accordance with the terms of the Trust by a Special Committee appointed for the purpose, and the medal be awarded in the Annual Meeting of 1943. No. 12, Council. 29-1-42.

The question of striking the 'Joy Gobind Law Memorial' Medal owing to the high price of gold. As the donor, Dr. S. C. Law, has agreed to pay the extra sum required for striking the Joy Gobind Law Medal in gold, it was resolved to accept the offer of Dr. Law with the thanks of the Society. No. 13, Council, 29-1-42.

Letter from Dr. S. C. Law of 17-4-42 forwarding a cheque for Rs.45-2-0 to meet the extra cost for striking the 'Joy Gobind Law Memorial' Medal in gold. Record. Thanks of the Society be conveyed to the donor. No. 14, Council. 17-4-42.

Appointment of a Special Committee to amend the Regulations regarding the award of the Brühl Memorial Medal as ordered by the Council. A Sub-Committee be constituted consisting of the ex-officio members (President, Treasurer and General Secretary), Sir John Lort-Williams and Dr. S. P. Agharkar. No. 15, Council. 11-9-42.

Appointment of Advisory Board for the award of Annandale Memorial Medal. Ex-officio members, Mr. J. P. Mills, Dr. D. N. Majumdar (Lucknow) and Dr. K. P. Chattopadhyaya (Calcutta). No. 3, Council. 5-10-42.

Regulations regarding the award of the Paul Johannes Brühl Memorial Medal, recommended by the Special Committee appointed by the Council. Adopt with the modifications suggested by Sir John Lort-Williams. No. 3, Sp. Council. 4-12-42.

Recommendations of the Annandale Memorial Medal Advisory Board. Accept the recommendation, Dr. B. S. Guha. No. 6, Council. 14-12-42.

Recommendation of the Paul Johannes Brühl Memorial Medal Advisory Board. Accept the recommendation, Rao Bahadur G. N. Rangaswami Ayyangar. No. 6, Council. 14-12-42.

MISCELLANEOUS.—Application from Dr. G. Matthai, Punjab University, Lahore, requesting a loan of 34 blocks for reproduction in a monograph of 'The Fishes of Lahore' by Nazir Ahmed to be published in the Bulletin of the Department of Zoology, Punjab University, Lahore. Grant. The author be asked to make suitable acknowledgment in the event of publishing the monograph. No. 11, Council. 23-2-42.

Letter, dated 7-11-42, from the President, East Indies Institute of America, New York, inviting any suggestion as to ways in which his institution can co-operate with our Society for the furtherance of study and research. Record and write saying that under present conditions it is difficult for the Society to make any useful suggestions, but the Society is willing to consider favourably any suggestions which the Institute may care to make. No. 2, Council. 25-3-42.

Letter from the Registrar, High Court, Calcutta, dated 20-3-42, enquiring whether the Society would be prepared to accept certain old records of the Sadar Diwani and Sadar Nizamat Adalats before they are destroyed by the High Court. Mr. Justice Edgley be requested to examine the records in consultation with Dr. Kalidas Nag and submit a report to the Council. The Registrar of the High Court be informed accordingly, and requested to preserve the records meanwhile. No. 17, Council. 25-3-42.

Report by the Hon'ble Mr. Justice N. G. A. Edgley and Dr. Kalidas Nag on certain old High Court records which were offered as presentation to the Society by the Registrar of the High Court. Thank the Hon'ble Mr. Justice N. G. A. Edgley and Dr. Kalidas Nag for the report.

Mr. Justice Edgley be requested to draft a letter to be addressed to the High Court on behalf of the Council embodying the recommendations made in the report. No. 11, Council. 22-5-42.

Report of presentation of the first four volumes of the 'Indian Culture' by Dr. B. C. Law. Thank Sir John Lort-Williams for his kind offices in the matter. No. 2, Council. 11-9-42.

Letter, dated 31-10-42, from the Bengal Telephone Corpn. Ltd. intimating levying of a surcharge on telephone bills with effect from 1st December, 1942. Agree to the surcharge. No. 4(a), Council. 20-11-42.

NUMISMATICS.—Letter from Mr. J. P. Mills, Honorary Provincial Director of Ethnography, Assam, dated 28th May, enquiring on behalf of H.E. The Governor of Assam, whether the Society through its Members and Fellows would undertake the duties of Honorary Numismatist to the Government of Assam. Write to Mr. Mills intimating him that the Society is willing to undertake the duties of Honorary Numismatist to the Government of Assam through its Members and Fellows. No. 10, Council. 13-7-42.

PUBLICATION.—Suggestions by Dr. S. L. Hora, General Secretary, for adopting certain procedure for expediting the publications of papers in the Journal. Accept the suggestions as follows:

- (1) The date of receipt of the article should also be printed along with the date of its publication.
- (2) If the report of the referee or referees is favourable, and there are no unfavourable comments by the members of the Publication Committee during circulation, the General Secretary may send the paper to the press for composition after making suitable arrangements for its being read at the subsequent Ordinary Monthly Meeting.
- (3) Only when the paper is to be rejected, it should be placed before the Publication Committee for discussion. The papers accepted by the General Secretary, in accordance with (2) above, should only be reported. It may be noted that the Publication Committee only meets for ten minutes once a month.
- (4) Each article should be published separately and when a sufficient number of pages and plates have been printed, they should be bound and issued as a part. The aim should be to issue one part every quarter. No. 3, Pub. Com. 11-9-42.

Circular letter from the Government of India on the subject of economy in the use of paper. (i) From the 1943 volume of the Journal print 850 copies. (ii) A circular letter to be sent to members enquiring whether they would like to have 'Letters' or 'Science' volume or both. (iii) Print only 500 copies of the Catalogues of Sanskrit MSS. in the R.A.S.B. on Astronomy and Astrology and on Philosophy respectively. No. 1, Pub. Com. 5-10-42.

Report on completion of Journal for the year 1942. Record with thanks to the General Secretary. It was resolved that an effort should be made to have the Year-Book for 1942 published by April 1943. It was also resolved that the Abstract Statement of Accounts, Abstract Proceedings of Council and Member list of the Society, which are distributed at the Annual Meeting, be not printed with a view to effect economy in the use of paper, but to satisfy the requirements of Rule 48(f), these should be put up on the table for the inspection of members. It was also decided that in the Year-Book for 1942 only changes in the Membership list should be indicated and that the full list should not be printed. No. 2, Pub. Com. 20-11-42.

Note by the Honorary Treasurer with regard to the publication of the Year-Book for 1942. The General Secretary to use his discretion in the matter of reducing the number of pages to be printed of the Year-Book for 1942 as far as practicable. No. 1, Pub. Com. 14-12-42.

REPRESENTATION.—Letter from the General Secretary, National Academy of Sciences, Allahabad, dated 23-1-42, requesting the Society to send delegates to their Annual Conference at Agra from 13th to 15th February, 1942. Dr. Saha be requested to represent the Society; if not convenient to him, request Dr. J. N. Mukherjee. No. 20, Council. 29-1-42.

Letters from Dr. M. N. Saha and Dr. J. N. Mukherjee intimating their inability to represent the Society at the Annual Conference of the National Academy of Sciences at Agra from 13th to 15th February, 1942. Record. No. 2, Council. 23-2-42.

Representative of the Society at the Silver Jubilee Celebrations of the Bhandarkar Oriental Research Institute, Poona, on the 4th and 5th January, 1943. Enquire from any of the members of the Society going to Bombay to attend the celebrations and arrange for the representation accordingly. No. 15, Council. 14-12-42.

REQUESTS.—Letter from the Sanskrit Sahitya Parishad, Calcutta, enquiring whether it would be possible for the Society to temporarily take over their Library under the Society's protection during the period of emergency. Write a polite letter expressing regret at Society's inability to house their collection. No. 10, Council. 29-1-42.

Request from the Consul-General for China for permission to use the Society's hall on Tuesday, the 15th September, 1942. Grant. No. 17, Council. 11-9-42.

Letter No. 7619, dated 21-9-42, from the Director, All-India Institute of Hygiene and Public Health, requesting the loan of the Society's Graflex Photorecord Camera. Recall from the Geological Survey of India Society's Graflex Photorecord Camera and give it on loan to All-India Institute of Hygiene and Public Health for a period of six months in the first instance on an assurance being given by Dr. Grant about its safety and integrity. No. 4, Council. 5-10-42.

Letter from the Director, Geological Survey of India, with regard to the Photostat Camera which is in his office on loan from the Society. Dr. Fox be allowed to keep the Camera on condition that if any member of the Society wishes to make use of it he be requested to get the work done by experts in his office. No. 8, Council. 23-11-42.

Request for the use of the Society's hall on Friday, the 15th January, 1943, from the Mining, Geological and Metallurgical Institute of India. Grant on usual charge of Rs.10. No. 16, Council. 23-11-42.

STAFF.—The question of confirmation of appointment of G. N. Bhattacharya as Pandit of the Society (working on probation for six months with effect from 1-5-41). (This item was referred to the Philological Secretary for opinion by the last Council.) Accept recommendation of the Philological Secretary, confirm G. N. Bhattacharya as Pandit of the Society on the junior scale of Rs.50—3—80. No. 11, Council. 29-1-42.

Report of dismissal of bearer, Lakshman Missir, for disobeying orders. Approve action taken by General Secretary. No. 21, Council. 29-1-42.

Matters concerning Dharamdeo Missir, Collecting Sircar, of the Society. Give a warning in writing to the Collecting Sircar to the effect that his services would be dispensed with in case of occurrence of a similar complaint in the future. No. 22, Council. 29-1-42.

Application from the menial staff of the Society for Grain Allowance. An allowance of Re.1 be given to those members of the menial staff whose salary is up to Rs.20 and a special allowance of Re.1 be given to those whose salary does not exceed Rs.25 per month from March 1942. No. 3(c), Fin. Com. 20-2-42.

Report by the General Secretary of the absence of Mr. J. C. De (Assistant Secretary in charge of the Library) and Babu H. B. Banerjee (temporary filing clerk) without his permission. Treat both cases as absence without leave involving forfeiture of pay in conformity with No. 6 of the 'Regulations regarding leave and late attendance in the Office', and ask for explanation for such absence. No. 16, Council. 17-4-42.

Consideration of the services of Mr. J. C. De, Assistant Secretary, who was placed in charge of the Society's Library on an experimental basis for six months with effect from 1st December, 1941. On the basis of the experimental measure already agreed to by the Council, it was resolved to extend the experimental period for another 6 months with effect from 1-6-42 and upon the same terms. No. 9, Council. 22-5-42.

Consideration of the services of Mr. J. C. De whose probationary period expires on 1-12-42. The probationary period be extended for another month with effect from 30-11-42. No. 15, Council. 23-11-42.

Application from the senior clerical staff of the Society for War Allowance. Grant a War Allowance of one anna per rupee on actual amount of salary to all those drawing above Rs.50 per month, and the same to take effect from the date on which general War Allowance was given to other members of the staff.

It was also resolved to request Dr. Hora to scrutinize the present staff establishment of the Society in relation to the actual work in the Society under the existing emergency conditions and to report to the Council if any reduction in expenditure can be effected. No. 9, Council. 10-6-42.

To effect economy in expenditure, it was resolved that vacancies occurring on the staff of the Society should not be filled without the previous sanction of the Council. No. 14, Council. 13-7-42.

Application from certain members of clerical and menial staff for enhancement of War Allowance. The General Secretary to put up proposals for equalizing extra expenditure involved with regard to the War Allowance by reduction of temporary staff. No. 2, Fin. Com. 11-9-42.

Note by the General Secretary concerning Dearness Allowance to staff (deferred by the last Council). A Sub-Committee consisting of the ex-officio members (President, General Secretary and Honorary Treasurer), Sir John Lort-Williams, Dr. S. P. Mookerjee, Dr. M. N. Saha and Dr. R. C. Majumdar be constituted to enquire into and report within two weeks upon the working of the system of administration of the Society which was recommended by the late Enquiry Committee, and suggest what (if any) alterations or amendments are necessary, and upon the recommendations of the Library Committee and the General Secretary regarding the Library system and the staff generally. No. 12, Council. 23-11-42.

Application from the office staff for fixing the attendance from 10-30 to 5 p.m. Office attendance from 10 a.m. to 5 p.m. in conformity with the Society's Rules and Regulations (No. 77 of the Society's Rules and No. 9 of the Regulations regarding leave, late attendance, etc.). In case of late attendance apply rules. No. 17, Council. 14-12-42.

Addenda
to
List of Patrons, Officers, Council
Members, Members, Fellows,
and Medallists
of the
Royal Asiatic Society of Bengal
on the 31st December, 1941

NEW MEMBERS, 1942.

R=Resident. N=Non-Resident. F=Foreign. L=Life.

Date of Election.		
2-11-42	R	Akbar, M. (NEDVI), M.A., <i>Lecturer, Calcutta University.</i> 106, Harrison Road, Calcutta.
1-6-42	R	Alimuddin, M. S., <i>Mutwalli to the Wakf Estate, Khan Sahib M. S. Azizuddin, Landlord.</i> 73, Narkeldanga Main Road, Calcutta.
2-11-42	N	Aucott, Mrs. ANNE, <i>Teacher, Rathlin Hall School.</i> Darjeeling.
7-3-27	R	Bake, ARNOLD ADRIAAN, M.A. (OXON.), D.LITT. 116, Stephen House, Dalhousie Square, Calcutta.
2-11-42	R	Bhagat, PHOOLCHAND, <i>Mill Owner and Merchant.</i> Bhagat Villa, Grand Trunk Road, Konnagar, Dist. Hooghly.
2-11-42	L	Dhiman, MEHAR CHAND, <i>Merchant.</i> Tulsi Niwas, 115, Benares Road, Salkia, Howrah.
1-6-42	R	Ghose, RABINDRA CHANDRA, <i>Barrister-at-Law.</i> 10, Debendra Ghose Road, Bhawanipur, Calcutta.
1-6-42	R	Ghosh, PRAKRITY KUMAR, M.SC., PH.D., D.SC., D.I.C., F.N.I., <i>Geologist, Geological Survey of India.</i> 27, Chowringhee, Calcutta.
2-11-42	R	Gupta, PRATUL CHANDRA, M.A., PH.D., <i>Lecturer, Calcutta University.</i> 125, Rash Behari Avenue, Calcutta.
2-11-42	R	Hawes, ROBERT MARTIN, <i>Mercantile Assistant.</i> 101, Clive Street, Calcutta.
2-11-42	R	Hendrie, JAMES HALKETT, <i>Associate Member, Institution of Mechanical Engineers, Major, Bengal Artillery A.F.I., Manager, Calcutta Branch, Parry & Co., Ltd.</i> 19, British Indian Street, Calcutta.
3-8-42	R	Hosain, SAIYID WAJAHAT, M.A., B.T., <i>Assistant Inspector of Schools for Muslim Education, Presidency Division.</i> 172-26B, Lower Circular Road, Calcutta.
7-12-42	R	Ishaque, MOHAMMAD, M.A., B.SC., PH.D. (LOND.), <i>Lecturer, Calcutta University.</i> 159-B, Dhurumtollah Street, Calcutta.
1-12-41	N	Majumdar, DHIRENDRA NATH, M.A., <i>Lecturer in Anthropology, Lucknow University.</i> Lucknow.
2-11-42	R	Matthews, HENRY IDRIS, <i>Indian Ordnance Services, Director of Factory Recruitment.</i> Bengal United Service Club, 29, Chowringhee, Calcutta.
2-11-42	N	Mitra, BHUPENDRA NATH, D.SC. (Dacca), PH.D. (MINNESOTA), <i>Member of the Society of Sigma xi (America), Asst. Inspector of Armaments.</i> Kirkee, Poona.

Date of Election.		
2-11-42	R	Norman, G. A. S., <i>Agent, The Standard Life Assurance Co., Ltd.</i> 32, Dalhousie Square, Calcutta.
3-8-42	N	Rath, PURNA CHANDRA, B.A., DIP-IN-EDN., <i>Superintendent of Archaeology, Patna State.</i> P.O. Bolangir, E.S.A.
1-9-42	F	Spendlove, F. St. G. DE. c/o The Royal Ontario Museum of Archaeology, Toronto, S. Canada.
2-11-42	R	Wright, E. W., <i>Manager, Northern Assurance Co., Ltd.</i> 7, Hare Street, Calcutta.

NEW ASSOCIATE MEMBER.

Date of Election.		
2-11-42		SEN-GUPTA, PRABODHCHANDRA, M.A., <i>Retired Professor of Mathematics, Bethune College.</i> P.O. Nawabganj, Rajshahi.

CHANGES IN MEMBERSHIP.

LOSS OF MEMBERS DURING 1942.

BY RETIREMENT.

Ordinary Members.

1. M. D. Darbari. (1932.)
2. T. N. Ramachandran. (1939.)
3. J. Ghosh. (1936.)
4. C. K. Sarkar. (1924.)
5. S. C. Chatterjee. (1934.)
6. Devaprasanna Mukherjee. (1927.)
7. N. N. Banerjee. (1918.)
8. U. S. Rao. (1934.)
9. B. K. Roy Chowdhury. (1924.)
10. S. N. Chaudhuri. (1935.)
11. Ajit Nath Das. (1925.)

BY DEATH.

Ordinary Members.

1. G. P. Tate. (1893.)
2. D. N. Gooptu. (1921.)
3. Maharaja Sir P. C. Tagore. (1898.)
4. Sir Nalini Ranjan Chatterjee. (1928.)
5. Hirendra Nath Datta. (1926.)
6. Rai Bahadur R. Chanda. (1922.)
7. Sir M. N. Mukherjee. (1928.)

Associate Member.

1. Rai Bahadur Sarat Chandra Roy. (1929.)

Honorary Fellow.

1. Sir Joseph Larmor. (1920.)

UNDER RULE 38.

1. M. Jamaluddin Ahmed. (1934.)
2. A. F. M. Abdul Kadir. (1927.)
3. P. R. Awati. (1917.)
4. N. C. Bhattacharya. (1937.)
5. Bimal Ch. Ghose. (1926.)
6. N. K. Jain. (1930.)
7. Rezaur Rahman Khan. (1924.)
8. Bimalananda Tarkatirtha. (1927.)
9. C. W. Tressler. (1938.)

MEDALLISTS.

BARCLAY MEMORIAL MEDAL.

RECIPIENT.

- 1941 Sir David Prain, K.T., C.M.G., C.I.E., M.A., M.B., LL.D., F.R.S.E.,
F.R.S., F.L.S., F.Z.S., M.B.I.A., LT.-COL., I.M.S.

JOY GOBIND LAW MEMORIAL MEDAL.

RECIPIENT.

- 1941 K. N. Bahl, D.SC., D.PHIL., F.N.I., F.R.A.S.B.

PROCEEDINGS OF THE ORDINARY MONTHLY MEETINGS, 1942

JANUARY

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 5th, at 5 P.M.

PRESENT

BAINI PRASHAD, ESQ., D.Sc., F.Z.S., F.R.S.E., F.N.I.,
F.R.A.S.B., Honorary Treasurer, in the Chair.

Members :

Anderson, Mr. J.
Biswas, Dr. Kalipada
Bose, Prof. M. M.
Bose, Mr. S. M.
Brown, Mr. Percy
Bruce, Lieut. A. E. R.
Chatterjee, Mr. B. C.

Chatterji, Dr. S. K.
Das-Gupta, Mr. C. C.
De, Mr. J. C.
Grant, Dr. J. B.
Guha, Dr. B. S.
Malik, Khan Bahadur A. R.
Siddiqi, Dr. M. Z.

Vedantatirtha, Mr. N.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following five presentations of books, etc., which had been placed on the table for inspection :—

1. From the Mysore University—Silver Jubilee Souvenir.
2. From the United States Government Printing Office—Annual Report of the Library of Congress, 1940.
3. From the British Museum—Instructions for Collectors No. 9a.
4. From the Travancore Government—Administration Report, Archaeological Department.
5. From Dr. Kalidas Nag—India and the Pacific World.

The General Secretary announced that the following three candidates would be balloted for as Ordinary Members :—

(1) *Joshi, Miss Soma K.*, Post-Graduate Student, Calcutta University,
c/o H. N. Ahuja, Esq., 22, Mandeville Gardens, Calcutta.

Proposer: J. C. De.

Seconder: B. S. Guha.

(2) *Bagchi, Saileshchandra*, Vijnanbid, Specialist of Higher Pure Mathematics, 3, Railway Quarters, Connaught Road, Jamalpur, E.I.R.

Proposer: B. S. Guha.

Seconder: J. C. De.

(3) *Hasan, Zahur-ul*, M.A., LL.B., Advocate, High Court, Nawabpura Street, Moradabad, U.P.

Proposer: J. C. De.

Seconder: B. S. Guha.

The General Secretary reported the following loss of membership since the previous meeting by resignation :—

(4) S. K. Chakravarti (An Ordinary Member, 1933).

The Chairman announced that, in accordance with Rules 37 and 38, the names of the following Ordinary Members, who had since the last Ordinary Monthly Meeting been suspended as defaulters, had now been removed from the Society's registers for non-payment of dues :—

- | | |
|--------------------------|-----------------------------|
| 1. M. Jamaluddin Ahmed. | 5. Bimal Ch. Ghose. |
| 2. A. F. M. Abdul Kadir. | 6. N. K. Jain. |
| 3. P. R. Awati. | 7. Rezaur Rahman Khan. |
| 4. N. C. Bhattacharya. | 8. Bimalananda Tarkatirtha. |
| 9. C. W. Tressler. | |

The following papers were read :—

1. GEORGE N. ROERICH.—*The Epic of King Kesar of Ling* (read by Dr. S. K. Chatterji).

King Kesar (or Gesar) is the national hero of Tibet, like Rāma or Arjuna of India. There are poems and songs, prose tales as well as long romances on the adventures of Kesar in Tibet. The story has passed on to the Mongols, the Manchus and the Chinese. Different versions or recensions of the story are found among the Tibetans and various Central Asian peoples who came in touch with them. The Society has also published some texts and other works relating to the Kesar story by the late Dr. Francke. The present paper by Prof. Roerich gives a full survey of all the available mass of literature, not only in Tibetan but also in other languages, on the story of Kesar. The different versions are compared, the various redactions of the story are given and an attempt has been made to unravel the origin and affinities of the story.

2. FRANKLIN P. METCALF.—*Notes on Cayratia and Tetrastigma*.

The systematic position of the two specimens collected in Hainan in 1921 and 1922 by Prof. McClure which had hitherto been variously interpreted as *Columella Wrayi* (King) Merrill or as *Cayratia papillata* (Hance) Merrill and Chun has been clarified in the present article.

A comparison of the available photographs, drawings and merotype show that the species of King, originally described as *Vitis Wrayi* and that of Hance, originally described as *Vitis papillata* are the same and that they both represent species of *Cayratia* and not *Tetrastigma*.

Gagnepain, Merrill and Chun, and more recently Biswas (in litt.) consider this to be a *Cayratia*, not a *Tetrastigma*, though Craib has placed his Siam material under *Tetrastigma*.

The early material from Hainan collected by McClure is something entirely different; it is a species of *Tetrastigma*, apparently undescribed, and is here proposed as a new species.

3. K. P. CHATTOPADHYAY.—*Dharma Worship.*

The worship of Dharma is an old cult in Bengal, and has produced a number of works in prose and verse describing the origin and merits of Dharma Puja. The historical basis of the cult has also been discussed by various scholars. In this paper, a summary is first given of the older accounts regarding the Dharma cult, as found in the different works. The views of Mahamahopadhyay Haraprasad Sastri and other scholars are also set out in brief. The writer has then noted the results of his own field studies in 24 Parganas, Birbhum and Midnapore. A specially detailed account is given of the *grahabaran* ceremony as observed by him. The writer has besides his own work, included a summary of that of others under the heads (a) shape and size of the deity, (b) the temple of Dharma, (c) modes of daily and seasonal worship, and (d) devotees.

The writer then points out the existence of a wide spread worship of *Dharmarāja* in South India, hitherto overlooked by scholars who have discussed the cult of Dharma in Bengal. Striking similarities in the mode of celebration of the annual rite, and in the details of the associated ceremonies are indicated.

The writer criticises the hypothesis that Dharma worship is derived from Buddhism. He points out that the sacrifice of the *Loue* goat is very likely the modified survival of an old practice of human sacrifice. Examples of such modification are noted from amongst Khonds and Santals and also in South India. Evidence is also noted from literature of the Vedic and Sutra period, showing the existence of a *Varuna* cult, along with a tale of human sacrifice in connection with the birth of a son of King Hariścandra similar to that found in Dharma literature. The writer concludes that an ancient cult with a human victim has come down to modern times, as the central feature of Dharma worship. It is not, however, suggested that the cult has not been affected by the beliefs and practices of Buddhists, Saivas and such other religious communities. The results of such influence are obvious in the ritual. But the core of the cult is not derived from any of these historical religions.

4. CHARU CHANDRA DAS GUPTA.—*A few types of sedentary Games prevalent in the Khasi and Jaintia Hills District in Assam.*

Description of four new types of sedentary games prevalent in the Khasi and Jaintia Hills district in Assam. The name of one game cannot be traced out while the other games are known as *Pam pait*, *Bam blang beh khla*, and *Tule paid*.

5. N. B. ROY.—*Jajnagar Expedition of Sultan Firuzshah.*

(i) *Sirat-i-Firuz Shahi* contains a most detailed and authoritative account of the expedition of Sultan Firuz into Orissa. It unfolds an account of the route of Firuz's march to Katak and mentions the territories through which he passed in course of this long and hazardous march. It thus rectifies the error made by many scholars, e.g. Raverty, R. D. Banerji, M. M. Chakravarty, regarding Jajnagar and Orissa as two separate kingdoms, the former lying at the extremity of Godha Katauka.

(ii) The generalship and military skill displayed by Firuz in leading his army across the rugged plateau of Chotanagar to Katak and thence back to Delhi repudiates the charge of weakness and fatuity brought against him.

(iii) The account gives, though incidentally, an idea of the grandeur of the temple of Jagannath and contains an account of the many fearful rites which were practised there.

The Futuhat-i-Firuz Shahi is a unique autobiography of Sultan Firuz Shah and may be said to rank in historical importance as high as the inscriptions of Asoka. The manuscript contains the very words of the emperor and gives us an idea of the ideals and aspirations which animated the Sultan in the discharge of his royal duties. He exerted himself to revive the purity of Islamic faith and himself adopted the simple living enjoined by Islam. He cast aside gold and silver vessels, costly robes ornamented with gold and made the Law of Islam his rule of conduct in life and administration.

He used the wealth of the kingdom solely for the good of the people. He organized digging of wells and canals, undertook the planting of trees, repair and building of mosques and hospices and started hospitals. In so far as these humanitarian and beneficent activities are concerned, Muslim rule in India attained its apogee under Firuz.

The Chairman announced the result of the ballot for the election of Ordinary Members and declared that candidates Nos. 1 and 3 had been duly elected.

The Chairman announced that the Annual Meeting of the Society would be held on Monday, the 2nd February, 1942, and invited the members present to communicate with the General Secretary the names and addresses of non-members to whom they wished invitations to be issued.

At the end of the meeting, Lieut. Bruce stated that he was sending a memorial to the Council embodying certain constructive suggestions for popularizing the cultural activities of the Society and mentioned among other things the apathy of a large number of Council members towards our scholarly activities as shown by their absence from the Monthly Meetings. The Chairman, in reply, said that he was sure that the Council would give due consideration to the memorial when received.



FEBRUARY

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 2nd, immediately after the termination of the Annual Meeting, for the election of Ordinary Members and transaction of business.

PRESENT

SIR JOHN LORT-WILLIAMS, K.T., K.C., Vice-President, in the Chair.

Asadullah, Khan Bahadur K. M.
Bruce, Lieut. A. E. R.
Anderson, Mr. J.
Chatterjee, Mr. P. P.

Chatterji, Dr. S. K.
Guha, Dr. B. S.
Haq, Mr. M. M.
Hobbs, Major H.

Malik, Khan Bahadur A. R.

The minutes of the last meeting were read and confirmed.

The General Secretary announced that the three presentations of books, etc., received since the last meeting would be exhibited at the next Ordinary Monthly Meeting.

The General Secretary announced that the following candidate would be balloted for as an Ordinary Member:—

(4) *Ali, Mohmed Ashraf*, B.A., Chief Assistant, Research Branch, Bengal and Assam Railway, 3, Koilaghat Street; 34, Satis Mukherjee Road, Kalighat, Calcutta.

Proposer: B. S. Guha.

Secunder: J. C. De.

The General Secretary announced the following loss of membership since the previous meeting by resignation:—

(5) J. C. Bhose (An Ordinary Member, 1931).

In accordance with Rule 48(d) the General Secretary reported that Babu Girija Nath Bhattacharya who was appointed on probation as Pandit of the Society with effect from 1st May, 1941, had been confirmed in his appointment as Pandit of the Society.

The Chairman announced the result of the ballot for the election of the Ordinary Member and declared that the candidate had been duly elected.



MARCH

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 2nd, at 5-30 P.M.

PRESENT

SIR JOHN LORT-WILLIAMS, KT., K.C., Vice-President, in the Chair.

Members:

Anderson, Mr. J.
Bagchi, Dr. K. N.
Biswas, Dr. K. P.
Brown, Mr. Percy.
Bruce, Lieut. A. E. R.
Cameron, Rev. A.

Chatterji, Dr. S. K.
Das Gupta, Mr. C. C.
Ghosal, Dr. U. N.
Hobbs, Major H.
Hora, Dr. S. L.
West, Mr. W. D.

Visitor:

Mill, Miss Elizabeth W.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following nine presentations of books, etc., which had been placed on the table for inspection:—

6. From Mr. S. K. Banerji—Humayun Badshah, Vol. 2.
7. From Mr. V. Venkataramiah—Savitar or Aurora Boreales.
8. From Mr. K. N. Puri—Excavations at Rairh.
9. From the Trustees of the British Museum—Catalogue of Arab-Sassanian Coins.
10. From T. Paramasiva Aiyar—Ramayana and Lanka.
11. From Princeton University—Indus Valley Painted Pottery.
- 12 and 13. From Government Press, Madras—Record of Fort St. George, Vol. 28; and Diary and Consultation books, 82 and 83.
14. From Director of Archaeological Researches in Mysore—Annual Report, 1940.

The General Secretary announced receipt of news of the death of Mr. G. P. Tate (a Life member of the Society since 1893).

The General Secretary reported that the various Standing Committees of the Society for the year 1942 had been constituted, as follows:—

Finance Committee:—

President, Treasurer and General Secretary—*ex-officio*, Sir John Lort-Williams, The Hon'ble Mr. Justice N. G. A. Edgley and Dr. S. L. Hora.

Library Committee:—

President, Treasurer, General Secretary and all Sectional Secretaries—*ex-officio*, and Khan Bahadur K. M. Asadullah.

Publication Committee:—

President, Treasurer, General Secretary and all Sectional Secretaries—*ex-officio*, and Dr. S. K. Chatterji.

Bibliotheca Indica Committee:—

President, Treasurer, General Secretary—*ex-officio*, Dr. S. K. Chatterji, Prof. M. M. Haq, Mr. V. Vedantatirtha, Dr. S. C. Law, Dr. M. Z. Siddiqi, Sir Jadunath Sarkar, Dr. Baini Prashad and Mr. T. N. Ramachandran.

The General Secretary also reported that two additional Committees had been constituted as under:—

1. *Standing Programme Committee:—*President, Treasurer and General Secretary—*ex-officio*, Sir John Lort-Williams and Dr. K. N. Bagchi.

The function of this Committee would be to arrange the meetings of the Society.

2. *Special A.R.P. Sub-Committee:—*President, Treasurer and General Secretary—*ex-officio*, Sir John Lort-Williams and Dr. S. L. Hora.

The function of this Committee would be to do whatever is necessary for further A.R.P. measures in the Society.

The following paper was read:—

1. DR. K. P. BISWAS.—*Notes on the Occurrence of a Cosmopolitan blue-green Alga in the hot Springs at Wairaki in the thermal region of New Zealand.*

A specimen of blue-green alga was collected from the hot springs by Mrs. H. P. V. Townend "at Wairaki in the thermal region of the centre of the North Island of N. Z. The water in which this alga was growing was just cool enough to allow one to put one's hand into it. A little higher up the mountain side, it was boiling. The region is one of many geysers and vent holes with escapes of steam, and many different minerals are contained in the waters. The alga was growing both in pools which are constantly filled by geysers and down the slopes over which they overflow. The spot from which I took this was a series of terraces formed of silicate in the water flowing down from a geyser. A thin film of water constantly passes over the silicate surface which is of yellowish colour and quite hard". This alga has been identified as *Phormidium ambiguum* Gom. which is a cosmopolitan species capable of growing under different environments. The growth of this plant in the hot springs is interesting.

The following exhibits were shown and commented upon:—

1. DR. NALINAKSHA DUTT.—*Saddharma-pundarika (in the absence of the exhibitor, Dr. S. K. Chatterji explained the exhibit).*

This is a hand-made paper manuscript found in Gilgit (Kashmir) of the *Saddharma-pundarika*, a very prominent text of Mahāyāna Buddhism. The script is upright Gupta and may be dated the 5th or 6th century A.D. This is probably one of the oldest manuscripts discovered in India.

2. DR. K. N. BAGCHI.—*Some Indigenous Poisons used in Crimes.*

At the conclusion of the meeting the Chairman, drawing the attention of members, present, to the A.R.P. Fund initiated by His Excellency Sir John Arthur Herbert, the Governor of Bengal, at the last Annual Meeting of the Society, stated that an appeal for this purpose would shortly be issued, and invited members to give liberally to this fund. After an informal discussion some members suggested that, if practicable, an extra amount might be charged in future upon all subscription bills, payment of which would be optional, in order to help defray the expense incurred by the Society in connection with the air raid precautionary measures already taken.



APRIL

No meeting

MAY

No meeting

JUNE

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 1st, at 5 P.M.

PRESENT

J. B. GRANT, ESQ., M.D., M.P.H., F.A.P.H.A., Medical Secretary, in the Chair.

Members :

Bose, Mr. M. M.	De, Mr. J. C.
Chatterjee, Mr. P. P.	Dutt, Dr. N.
Das-Gupta, Mr. C. C.	Hora, Dr. S. L.
Mitra, Miss Priti	

Visitor :

Job, Dr. T. J.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following 53 presentations of books, etc., which had been kept on the table for inspection:—

15. From Calcutta University—Adam's Report on the state of Education in Bengal.

16-23. From the Imperial Library—Directory for the province of India and Ceylon, Notes on Ceylon, Annual List, Revenue Dept., Madras, Statistical Account of Bengal, Vols. 2, 3, 7, 12, 16, 18, 20, Bengal Directory 1826, 1835, 1836, 1839, 1845, Calcutta Annual Directory, 1833.

24-59. From Miss Cleghorn—London City and Suburbs as they are to-day, Dictionary English-German, Deutscher Vedichte, Reptiles and Betrachians, Life and Letters of Charles Darwin, Venetian Waters, Orlando Furioso, Myths and Legends of Japan, Coats of Australia, Africa from Port to Port, Philosophy of the Beautiful, World's inhabitants, Furtado: Selected Poems, Elementary Physical Geography, 1st Book of Physical Geography, Manual of Botany, Wine and the Wine lands of the world, Treatise on Astronomy, Reminiscences of thought and feeling, Dictionary of the Holy Bible, Hand Book of Flower Pollination, Practical Study of Malaria, Nicolo Machiavelli, Disfacci di Antonio Giustinian, History of Aesthetics, Outline of Astronomy, Chess Player's Companion, Social World of the Ants, Illustration of the roads throughout Bengal, etc., Who's who 1920, History of Pompeii, Turner Gallery, Vols. 1-3,

Royal House of Stuart, English Carols of the 15th Century, Star Atlas, Architektonisches Lehrbuch.

60. From Mr. P. C. Mukhopadhyaya—Monism.

61. From Dr. S. K. Chatterji—Indo-Aryan and Hindi.

62. From the Parsee Panchayet—Philosophy of the Zoroastrianism and Comparative study of religion.

63-4. From the Parsee Panchayet—Religion of the Yezdis, Essential Unity of all religions.

65. From the Imperial Library—Author catalogues of printed books in European languages, Vols. 1-2.

66. From Konniklijk, B. G. Van Kunsten en Wetenschappen—Catalogus der Praehistorische Verzameling.

67. From Government of India—Fauna of British India-Mammalia, Vol. 2.

The General Secretary announced that the following candidates would be balloted for as Ordinary Members:—

(5) *Giare, K. L.*, B.Sc. (Elec. & Mech. Eng.), M.I.S.E., A.M.I.E., Engineer-in-Charge, Rajendra Metal Industries, Ltd., 5, Gopal Doctor Road, Kidderpore, Calcutta.

Proposer: B. S. Guha.

Seconder: N. G. A. Edgley.

(6) *Sabir, Abu Ali A.*, Inspector of Co-operative Societies (now Instructor, Co-operative Training Institute, Bengal), 24B, Syed Amir Ali Avenue, Calcutta.

Proposer: M. Z. Siddiqi.

Seconder: K. N. Bagchi.

(7) *Ghose, Rabindra Chandra*, Barrister-at-Law, 10, Debendra Ghose Road, Bhawanipore, Calcutta.

Proposer: B. S. Guha.

Seconder: M. Z. Siddiqi.

(8) *Ghosh, Prakrity Kumar*, M.Sc., Ph.D., D.Sc., D.I.C., F.N.I., Geologist, Geological Survey of India, 27, Chowringhee, Calcutta.

Proposer: Cyril S. Fox.

Seconder: Baini Prashad.

(9) *Sen-Gupta, Prabodhchandra*, M.A., Retd. Professor of Mathematics, Bethune College, Calcutta; Nababganj P.O., Rajshahi.

Proposer: J. C. De.

Seconder: C. C. Das-Gupta.

(10) *Alimuddin, M. S.*, Mutwalli to the Wakf Estate of Khan Sahib M. S. Azizuddin, Landlord; 73, Narkeldanga Main Road, Calcutta.

Proposer: S. L. Hora.

Seconder: J. C. De.

The General Secretary reported the following loss of membership, since the previous meeting, by death:—

(2) D. N. Goptu (An Ordinary Member, 1921).

(3) Rai Bahadur S. C. Roy (An Associate Member, 1929).

(4) Sir Joseph Larmor (An Honorary Fellow, 1920).

The General Secretary reported the following loss of membership, since the previous meeting, by resignation:—

(2) M. D. Darbari	(An Ordinary Member, 1932).
(3) T. N. Ramachandran	.. " " 1939).
(4) J. Ghosh	.. " " 1936).
(5) C. K. Sarkar	.. " " 1924).
(6) S. C. Chatterjee	.. " " 1934).
(7) Devaprasanna Mukherjee	.. " " 1927).
(8) N. N. Banerjee	.. " " 1918).
(9) U. S. Rao	.. " " 1934).
(10) B. K. Raychaudhuri	.. " " 1924).
(11) S. N. Chaudhuri	.. " " 1935).

The General Secretary reported the following lapses of election, since the previous meeting, under Rule 9:—

- (1) W. H. A. Shadani (elected on 4-8-41).
- (2) B. Jhumjhunwala (" 1-9-41).
- (3) Miss S. K. Joshi (" 5-1-42).

The General Secretary reported that (1) Zahur-ul Hasan (elected on 5-1-42) had withdrawn his application for membership.

The General Secretary reported that the Council, since the last Ordinary Meeting, considered the question of charging an extra amount upon all subscription bills in order to defray expenses incurred by the Society in connection with the A.R.P. measures already taken and had decided to add until further orders on all quarterly subscription bills the following item:—

‘Voluntary donation towards extra cost incurred (Rs.11,000 odd) in removing to safety valuable possessions—Rs.5.

The Council had also decided to issue a separate appeal to those members of the Society who are paying subscriptions annually or by means of Bankers orders, to add a voluntary donation of Rs.5 to their quarterly or annual payments intimating them at the same time the total cost incurred for A.R.P. measures.

The General Secretary reported that, in accordance with Rule 63, the following had been appointed Chairman and Secretary of the Standing Committees of the Society:—

Library Committee :—

Chairman—Dr. J. B. Grant.
Secretary—Dr. S. L. Hora.

Publication Committee :—

Chairman—Dr. S. K. Chatterji.
Secretary—Dr. N. Dutt.

Finance Committee :—

Chairman—Dr. C. S. Fox (President).
Secretary—Dr. B. S. Guha (General Secretary).

Standing Programme Committee :—

Chairman—Sir John Lort-Williams.

Secretary—Dr. B. S. Guha.

The General Secretary reported that the Council, since the last Ordinary Monthly Meeting, had accepted the recommendation of the Standing Programme Committee with regard to holding monthly meetings for discussion. The Committee recommended that (a) monthly meetings for discussion be held once a month with an opener, who should not take more than 15 minutes to introduce the topic—to be followed by a discussion lasting for about 45 minutes; (b) Ordinary members wishing to take part in the discussion meetings should be asked to inform the Secretary regarding topics they would like to have discussed; (c) there should be no objection to the visitors being invited to the discussion meetings; (d) the hour of discussion meetings to be at 6 P.M.

The General Secretary reported that, in accordance with Rule 48(d), the Council, since the last Ordinary Monthly Meeting, had extended the period of probation of Mr. J. C. De (Assistant Secretary, who was placed in charge of the library on an experimental basis for six months with effect from 1st December, 1941) for another six months, and upon the same terms, with effect from 1st June, 1942.

The General Secretary reported that as a result of the change from Bengal time to Indian Standard time, the office of the Society would remain open from 9-30 A.M. to 4-30 P.M., and the library from 10 A.M. to 6 P.M. (Indian Standard Time).

The following papers were read:—

1. F. A. PETER.—*The Rin-Hbyuñ, an important Tibetan Work on Iconography of Lamaism.*

The text is of Mongolian origin, written in Tibetan by Ratna-vajra of the 17th century. It has two supplements entitled *Snar-than* and *Rdor-phren*. The object of the text is not so much as to give a description of the Lamaistic pantheon as a whole but to illustrate particular meditation-systems. For meditation-exercises various deities in their mild, angry and fierce forms are combined into a magic circle (*maṇḍala*). The *Rin-Hbyuñ* deals with those *Maṇḍalas* that are in general use with the adherents of the Reformed Church, the yellow-hatted Gelugpas. The aim of meditation is to establish a union between the gods and the worshipper, who, when completed, obtains the powers of the gods. For accomplishing this, the pre-requisite is to have a correct mind-picture of those divinities, on which one contemplates and to know the proper formula (*dhāraṇī*) for binding them. The *Rin-Hbyuñ* has the above object in view and is concerned with the *Maṇḍalas* approved by the Gelugpa sect. It illustrates an already existing system of meditation and derived its materials from old texts.

The author, a Moravian missionary, came into contact with some well-read Lamas during his stay at Ladakh and Lahoul, and so he was

able to find out the correct meaning of the *mudrās* and the significance of the attributes of Lamaistic deities. He made pencil-drawings of the deities as also of the *dhāraṇīs* printed at the back of the pictures. He has given briefly the life of Tsoṅ-khapa and of his two successors, commented on the artistic merits of the drawings of the deities, and pointed out their colour-indications. He concludes the paper with the text and translation of the colophon of the *Ṛin-Hbyuṅ*, and the text and translation of the *Rdor-phreṅ*.

2. O. R. BARON EHRENFELS.—*Traces of a matriarchal civilization among the Kolli Malaiyālis.*

The Kolli Malaiyālis are at present the least Hinduized and Europeanized of the three sub-tribes of the Malaiyālis in the Salem and Trichinopoly Districts. A number of cultural survivals which have been kept alive with them point to a matriarchal civilization generally and to historic connections with the culture which is now prevailing particularly in Malabar.

The Malaiyālis seem to have immigrated to their present hills at a comparatively late period of the historic Tamil Kingdoms of Chōla, Chēra and Pāndya. At that time the Kolli Malaiyālis seem to have been in a somewhat closer contact with the plains, e.g., their Pēriya Malaiyāli cousins of the Shevroy hills came under a Hinduizing and directly Europeanizing influence only so late as the opening of coffee-plantation in their hills, about one century ago, or so. Hence we find that, e.g., the rectangular houses of the Kolli Malaiyālis are less 'primitive' than the bee-hive huts of their otherwise much more sophisticated, and Europeanized Pēriya cousins of the Shevroy hills.

The Kolli Malaiyālis may be taken as a somewhat modified survival of an agricultural community in an out-of-the-way part of the historic Tamil Kingdoms some time after the fourth century B.C. Some of the functionally palpable remnants of this matriarchally determined civilization among the Kolli Malaiyālis, e.g., the good and dignified position not only of mothers, but also of married women generally and even unmarried girls, the democratic equality of the general economic standard of life and the natural inclination towards neatness, cleanliness and veracity, seem to prove the correctness of the reports given on these points by the famous Chinese travellers Fa Hian (401-410 A.D.) and Hsien Tsang (630-645 A.D.) who could still praise these things as typically Indian virtues. The study of the functional working of Kolli Malaiyāli life may therefore be said to be of direct concern to the student of South Indian cultural history.

The Chairman announced the result of the ballot for the election of Ordinary Members and declared that all the candidates had been duly elected.

Before closing, on the proposal of Prof. M. M. Bose, a vote of condolence on the death of Rai Bahadur R. Chanda was passed, all members standing.



JULY

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 6th, at 5 P.M.

PRESENT

M. MAHFUZ-UL HAQ, Esq., M.A., Joint Philological Secretary, in the Chair.

Members :

Asadullah, Khan Bahadur K. M.	Hora, Dr. S. L.
Bagchi, Dr. K. N.	Meyer, Miss S.
Chatterjee, Mr. B. C.	Mitra, Miss P.
Chatterjee, Mr. P. P.	Nag, Dr. K.
De, Mr. J. C.	

Visitor :

Narayanaswami, Mr. V.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following five presentations of books, etc., which had been kept on the table for inspection:—

- 68. From the University of Dacca—Studies in the Puranic Records of Hindu Rites and Customs.
- 69. From Pt. Gangayanarathama Shastri—Malinimandira.
- 70. From Dept. of Public Instruction, Bombay—Nirukta of Yaska.
- 71. From Punjab University Library—Cat. of Sanskrit MSS., Vol. 2.
- 72. From Mrs. Serapia Bhattacharya—Kavyanirnaya.

At the request of the Chairman, Dr. Kalidas Nag read an obituary notice of the late Rai Bahadur Ramaprasad Chanda, and Dr. S. L. Hora of the late Sir Joseph Larmor (the latter written by Dr. Meghnad Saha).

The following papers were read :—

1. D. H. and M. E. GORDON.—*The Cultures of Maski and Madhavpur* (read by Dr. Kalidas Nag).

This paper deals with the prehistoric material excavated at Maski and Madhavpur in the Nizam's dominions, Deccan. The findings of the authors mainly are:

(1) These sites may be dated thus: Maski between the 5th cent. B.C. and the 2nd cent. A.D., and Madhavpur between the 4th cent. B.C. and the early centuries of the Christian era. The date of Madhavpur, however, is borne out by the find of a pillar with a Brahmi inscription of the early 2nd cent. B.C. The dates of these sites, tentative though they may be, agree fairly closely with those assigned by Mr. Codrington and others to the Bhir Mound, Taxila, e.g., c. 5th cent. B.C. to late 2nd or possibly early 1st cent. B.C.

Some of the remains at Maski are undoubtedly pre-Maurya, but it is unlikely that the town-site was occupied by anyone who left remains there earlier than the 5th cent. B.C. It will probably be found in due course that the above remarks equally apply to the site of Brahmagiri.

(2) It must be admitted that there is an ever-increasing body of evidence to show that artifacts of stone persisted alongside with iron implements until quite a late period, in out-of-the-way jungle parts probably until well on in the Christian era.

2. R. D. SAKSENA.—*Anatomical Studies on Indian Plant Galls—Part 1 (read by Mr. V. Narayanaswami, Curator, Industrial Section, Indian Museum).*

Although galls have been more or less extensively studied in India, except for Mani's recent work, very little attention has been paid to the anatomy of galls. An attempt is made in this paper, which is the first of a series, to describe briefly the anatomy of some common typical plant galls of mites and Itonididae on *Pongamia glabra* Vent., *Coccinia indica* Cogn., *Momordica charantia* Linn., *Melothria maderaspatana* Cogn., *Crataeva religiosa* Forst., *Odina wodier* Roxb., *Rivea hypocrateriformis* Choisy, *Acacia leucophloea* Willd., and *Ipomoea sepiaria* Koen. The description of the anatomical structure of galls is made from microtome sections. The paper is illustrated with 9 text-figures and two plates of photo-micrographs. At the end is given a bibliography of the more important works on the morphology of galls.



AUGUST

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 3rd, at 5 P.M.

PRESENT

C. S. Fox, Esq., D.Sc., M.I.Min.E., F.G.S., F.N.I., F.R.A.S.B.,
President, in the Chair.

Members :

Agharkar, Dr. S. P.
Bagchi, Dr. K. N.
Chatterjee, Mr. B. C.
Chatterji, Dr. S. K.
Das-Gupta, Mr. C. C.
De, Mr. J. C.

Edgley, The Hon'ble Mr. Justice
N. G. A.
Griffiths, Dr. W. G.
Haq, Mr. M. M.
Hora, Dr. S. L.
Kramrisch, Dr. St.

Visitors :

Datta, Mr. J. M.

Morse, Mr. J. P.

In accordance with Rule 45, the President announced that the Council submit for confirmation to the meeting the following change in the composition of the Council, made in one of the Council meetings, since the last Ordinary Monthly Meeting:—

General Secretary : Dr. S. L. Hora, *vice* Dr. B. S. Guha, resigned.

Order : Confirm.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following two presentations of books, etc., which had been placed on the table for inspection:—

73. From Sir S. Varadachari—Parapaksanirakriti.

74. From Government of India—Memoirs, Arch. Survey of India, No. 65.

The General Secretary announced that the following candidates would be balloted for as Ordinary Members:—

(11) *Hosain, Saiyed Wajahat*, M.A., B.T., Assistant Inspector of Schools for Muslim Education, Presidency Division; 172/26B, Lower Circular Road, Calcutta.

Proposer: M. Mahfuz-ul Haq.

Seconder: S. L. Hora.

(12) *Bake, Arnold Adriaan*, M.A. (Oxon), D.Litt., 5, Garstin Place, 2nd Floor, Calcutta.

Proposer: Cyril S. Fox.

Seconder: B. S. Guha.

(13) *Rath, Purna Chandra*, B.A., Dip. in Edn., Superintendent of Archaeology, Patna State, P.O. Bolangir, E.S.A.

Proposer: Cyril S. Fox.

Seconder: C. C. Das-Gupta.

The General Secretary reported that the election of

(4) *Ashraf Ali* (elected on 2-2-42)

had become null and void under Rule 7.

In accordance with Rules 2 and 13, the General Secretary reported that the Council had proposed for election, as an Associate Member of the Society, for a period of five years, of—

Prof. P. C. Sen-Gupta,

and stated the grounds on which the recommendation had been made, as follows:—

‘Prof. P. C. Sen-Gupta, M.A., is a retired Professor of Mathematics of Bethune College, Calcutta. He has contributed a series of articles in the Society’s Journal regarding the chronology of Vedic and post-Vedic times which have received very warm recognition in *Nature* and in *Sky and Telescope*. The latter is an astronomical journal published from the Harvard University.

He is a good Sanskrit scholar and as far as Indian astronomy is concerned, there is nobody to compare with him in profundity of knowledge and in handling ancient data. He is also acquainted with modern astronomy. His work ranks as high as that of the late MM. Sudhakar Dvivedi and MM. Pt. Bapudeva Sastri, who were pioneers in this line.’

In accordance with Rule 48(a), the General Secretary announced that the Council, since the last Ordinary Monthly Meeting, had passed a set of Regulations regarding 'Discussion Meetings' as follows:—

1. The Council shall arrange to hold Discussion Meetings in the Society's rooms every month, between the first of November and the last of March.

2. The purpose of these Meetings shall be to afford opportunities for informal discussion with a view to awaken interest in the work of the Society. Members and non-members introduced by Members or invited by the Council may take part in the discussions.

3. The topics for discussion shall embrace all subjects investigated by the Society, and such other subjects as, in the opinion of the Council, will contribute to the progress and improvement of the work of the Society. No political or personal matters, or any other topics detrimental to the aims of the Society, shall be allowed to be introduced for discussion.

4. Scholars in any particular branch of study, including science, literature and philosophy, may be invited to open discussions and offers from Members will be received and considered by the Council. Members wishing to suggest or open topics for discussion shall inform the General Secretary. All topics must be approved by the Council before coming up for discussion.

5. Each meeting shall elect its own Chairman and there shall be an opener at every meeting who shall take not more than 15 minutes in introducing the topic for discussion, to be followed by a general discussion lasting for about 45 minutes. Each speaker taking part in the discussion shall be allowed to speak for not more than 3 to 5 minutes at a time at the discretion of the Chairman.

6. Discussion meetings shall be held at such hours as the Council may decide and notices shall be issued to Resident Members at least two weeks in advance of the dates fixed by the Council for the meetings.

7. The Chairman shall keep an informal record of each Discussion Meeting which shall not form part of the Proceedings of the Society.

8. Nothing in the above Regulations shall prevent deviation from any prescription in any of them, after due decision to that effect arrived at by the Council, on consideration of special circumstances.

The General Secretary also announced that the Council, since the last Ordinary Monthly Meeting, had made some verbal changes in the existing Regulations regarding General Lectures. The amended Regulations are as follows:—

1. The Council shall arrange for the delivery of general lectures, to be held in the Society's rooms during the winter season, between the first of November and the last of March.

2. The lectures shall be designed to convey instructive and interesting information in attractive form to a generally cultured audience, not necessarily composed of specialists in the subjects of the lectures. The purpose of the lectures is to awaken interest in and draw attention to the work of the Society.

3. Attendance at the lectures shall be open to all Members of the Society, and to such non-members as are invited to them by the Council on its own initiative, on the recommendation of Members, or at the request of non-members desiring to attend.

4. The lectures shall embrace all subjects investigated by the Society, but equal representation of scientific and literary subjects shall be striven after.

5. The lectures may be made to serve to communicate to a generally cultured public, either summaries of specialist knowledge, i.e., intelligent popularization, or the announcement or exposition of new results, either in the nature of new discovery or new theory.

6. Lecturers shall be invited by the Council, but offers to lecture shall be received and considered by the Council, and invitations to lecture shall not be confined to Members of the Society.

7. Lecturers shall be chosen with strict consideration for their special competence in the subject of their lectures as well as for their skill as public speakers and their ability to interest and instruct.

8. Lectures may be given with or without the aid of lantern slides, demonstrations or exhibits.

9. The Council may invite the lecturers to offer their lectures for publication in a special R.A.S.B. General Lecture Series.

10. In case of publication of the lectures in the above-mentioned Series, they shall be printed as uninterrupted, continuous, non-technical texts, to which, however, the author may add, in the form of appendices, any technical notes, references, bibliographies or other explanatory material he thinks desirable.

11. Record shall be kept of the lectures, and notice of them shall be given beforehand to all Resident Members.

12. Nothing in the above Regulations shall prevent deviation from any prescription in any of them, after due decision to that effect arrived at by the Council, on consideration of special circumstances.

The following paper was read:—

1. J. M. DATTA.—*A mixed Type of Baghbandi or Tiger Play found at Baganchra, Dist. Nadia, in Bengal.*

In this paper, the author has described the game of Baghbandi, or tiger-play, at Baganchra in Bengal. It is found to be a mixed type, with one tiger and 9 goats, and played over the board of *Lau-kata-kati*. The game is described with the help of a diagram.

After the reading of the paper, the following exhibit was shown and commented upon:—

1. S. K. CHATTERJI.—*Two clay Figures of Kesar (Gesar) and Hlerug-mo (Dugmo) by a Tibetan Artist.*

The President announced the result of the ballot for election of Ordinary Members and declared that the candidates had been duly elected.

The President announced that unless special notice was given, there would not be any Monthly Meetings during the recess months, September and October.



NOVEMBER

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 2nd, at 5 P.M.

PRESENT

C. S. Fox, Esq., D.Sc., M.I.Min.E., F.G.S., F.N.I.,
F.R.A.S.B., President, in the Chair.

Members :

Agharkar, Dr. S. P.
Bagchi, Dr. K. N.
Bake, Dr. A. A.
Chatterjee, Mr. B. C.
Chatterjee, Mr. P. P.
Das-Gupta, Mr. C. C.

De, Mr. J. C.
Edgley, Hon'ble Mr. Justice N. G. A.
Ghuznavi, Mr. I. S. K.
Grant, Dr. J. B.
Hobbs, Major H.
Hora, Dr. S. L.
Nag, Dr. Kalidas.

Visitors :

Chatterjee, Dr. B. K.
Ghose, Mr. S. K.

Gupta, Mr. J. N.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following ten presentations of books, etc., which had been placed on the table for inspection :

75. From Technological Laboratory, Bombay: Technological Research on Cotton in India.

76. From Imperial Council of Agricultural Research: Agriculture and Animal Husbandry, 1938-39.

77 and 78. From Imperial Entomologist: Cat. of Indian Insects, Pt. 26 and Cat. of Arabic and Persian MSS.

79. From Keeper of Records, Govt. of Bengal: Press list of documents, Vol. 3, pt. 5.

80-82. From Bhandarkar Oriental Research Institute: Descrip. Cat., Vol. 13, pts. 1 and 2, Kavya, Vol. 16, pt. 1, Vaidyaka, Vol. 16, pt. 3, Agamika Literature.

83. From Mr. Ganapati Sarkar: Kalidasa (nataka).

The General Secretary reported that the following candidates had been elected Ordinary Members by the Council during the recess months, under Rule 7:—

(14) *Aucott, Mrs. Anne*, Teacher, Rathlin Hall School, Darjeeling.

Proposer: A. E. R. Bruce.

Seconder: S. L. Hora.

(15) *Gupta, Pratul Chandra*, M.A., Ph.D., Lecturer, Calcutta University, 125, Rash Behari Avenue, Calcutta.

Proposer: J. C. De.

Seconder: C. C. Das-Gupta.

(16) *Norman, G. A. S.*, Agent, The Standard Life Assurance Co., 32, Dalhousie Square, Calcutta.

Proposer: J. C. De.

Seconder: M. M. Haq.

(17) *Mathews, Henry Idris*, Indian Ordnance Services, Director of Factory Recruitment, Bengal United Service Club, 29, Chowringhee, Calcutta.

Proposer: N. G. A. Edgley.

Seconder: C. S. Fox.

(18) *Mitra, Bhupendra Nath*, D.Sc. (Dacca), Ph.D. (Minnesota), Member of the Society of Sigmas xi (America), Asst. Inspector of Armaments, Kirkee, Poona.

Proposer: S. L. Hora.

Seconder: M. M. Haq.

(19) *Akbar, M. (Nedvi)*, M.A., Lecturer, Calcutta University; 106, Harrison Road, Calcutta.

Proposer: M. M. Haq.

Seconder: K. N. Bagchi.

The General Secretary announced that the following candidates would be balloted for as Ordinary Members:—

(20) *Wright, E. W.*, Manager, Northern Assurance Co., Ltd., 7, Hare Street, Calcutta.

Proposer: J. C. De.

Seconder: K. N. Bagchi.

(21) *Hendrie, James Halkett*, Associate Member, Institution of Mechanical Engineers, Major, Bengal Artillery A.F.I., Manager, Calcutta Branch, Parry & Co., Ltd., 19, British Indian Street, Calcutta.

Proposer: L. R. Fawcus.

Seconder: W. A. Jenkins.

(22) *Bhagat, Phoolchand*, Millowner and merchant, Bhagat Villa, Grand Trunk Road, Konnagar, Dist. Hooghly.

Proposer: J. N. Basu.

Seconder: S. L. Hora.

(23) *Hawes, Robert Martin*, Mercantile Assistant, 101, Clive Street, Calcutta.

Proposer: W. A. Bent.

Seconder: S. L. Hora.

(24) *Singh, Partap*, Specialist in Indian Propaganda and merchant, Grosvenor House, Calcutta.

Proposer: A. F. M. Abdul Ali.

Seconder: S. L. Hora.

(25) *Dhiman, Mehar Chand*, Merchant, Tulsi Niwas, 115, Benares Road, Salkia, Howrah.

Proposer: Kalidas Nag.

Seconder: Nalinaksha Dutt.

The General Secretary reported the following loss of membership since the previous meeting, by death:—

- (6) Maharajah Sir P. C. Tagore (An Ordinary Member, 1898).
- (7) Sir Nalini Ranjan Chatterjee (An Ordinary Member, 1928).
- (8) Hirendra Nath Datta (An Ordinary Member, 1926).

The General Secretary reported the following loss of membership, since the previous meeting, by resignation:—

- (12) Ajit Nath Das (An Ordinary Member, 1925).

The General Secretary reported that, in accordance with Rule 45, the Council submit for confirmation to the meeting the following change in the composition of the Council, made in one of the Council meetings, since the last Ordinary Monthly Meeting:—

Library Secretary—Dr. R. C. Majumdar, *vice* Dr. S. L. Hora, appointed General Secretary.

Order: Confirm.

The General Secretary reported that, in accordance with Rule 61, the Council, since the last Ordinary Monthly Meeting, had constituted a Special Sub-Committee consisting of the President, General Secretary and Treasurer (*ex-officio*), Sir John Lort-Williams, and Dr. S. P. Agharkar for the purpose of amending the Regulations regarding the award of the Brühl Memorial Medal.

The General Secretary reported that, in accordance with No. 4 of the Regulations re: the award of the Annandale Memorial Medal, the Council had constituted the Advisory Board of the medal with the following members:—

Anthropological Secretary,	} <i>ex-officio</i> .
Biological Secretary,	
Medical Secretary,	
Mr. J. P. Mills,	
Dr. D. N. Majumdar, and	
Prof. K. P. Chattopadhyaya.	

The General Secretary reported that, in accordance with Rule 2(c), the Council had proposed re-election for a further period of five years as Associate Members of the Society of—

Rev. P. Johannes and MM. Anantakrishna Sastri.

The General Secretary stated the grounds on which the recommendation was made.

In accordance with Rules 2 and 13, the Chairman called for a ballot for the election as Associate Member of the Society for a period of five years of Prof. P. C. Sen-Gupta, whose name had been proposed at the last Ordinary Monthly Meeting.

At the request of the Chairman, Dr. Kalidas Nag read obituary notices of the following deceased members of the Society:—

1. Maharajah Sir P. C. Tagore,
2. Hirendra Nath Datta.

The following papers were read :—

1. CHRISTOPH VON FÜRER-HAIMENDORF.—*Megalithic Ritual among the Gadabas and Bondos of Orissa* (read by Prof. C. C. Das-Gupta).

The Gadabas and Bondos in the Koraput District of Orissa represent the southernmost branch of the Austroasiatic peoples in Peninsular India. Owing to the seclusion of their habitat they have preserved an ancient and complex tribal culture which shows many points of contact with the Austroasiatic and Austronesian civilizations of Further India and Indonesia. Both Gadabas and Bondos have a richly developed megalithic ritual, but of considerably different type.

Among the Gadabas the erection of monoliths is mainly connected with memorial feasts for the departed. At these feasts large numbers of buffaloes are slaughtered and pairs of stones, each consisting of one menhir and one table-stone, added to the stone sitting-place in the centre of the village. There the stones remain as permanent monuments to the dead. The performance of these feasts is believed to have a beneficial influence on the donor's crops.

The Bondos (or Bondo Porajas) hold also memorial feasts and during these a small dolmen is erected with the express purpose of serving as a seat for the soul of the deceased. But the more important megalithic monuments of the Bondos are built-up stone-circles with menhirs which serve as social centres and assembly places. These stone-circles are not connected with the cult of the dead, but are considered seats of the earth-deity; annually pigs are sacrificed to her and the blood is sprinkled on the stones and on some of the seed grain. At the time of these sacrifices new stones are sometimes added to the stone-circle and old ones, if dislocated, restored to their proper place. Other megalithic monuments of the Bondos are rubble stone-walls with gangways flanked by slender menhirs and the linings of springs by upright and flat stone-slabs.

There are numerous parallels between the megalithic ritual of the Gadabas and Bondos and that of the hill-tribes of Assam, both in underlying idea and in the nature of the monuments, and it is indeed more than probable that Orissa's megalithic culture is a branch of that megalithic civilization which is so widely distributed over the Austroasiatic and Austronesian spheres.

2. D. N. MAJUMDAR.—*The Blood Groups of the Tharus* (read by Dr. B. K. Chatterjee).

The Tharus are found in the Nainital Tarai, from Nainital-Pilibhit district border extending westwards across the north of Bijnour district and the south of Garhwal to the Ganges. The total Tharu population is about one lakh.

Vestiges of a matriarchal matrix are abundant among the Tharus, the women have a dominant position in the society. They form 90% of the crowd in markets and fairs; they move about freely, even smoke and drink in the bazar. They fish, hunt, buy, sell, own property and treat their menfolk as inferior. The latter are not allowed entrance into the kitchen. Men, however, have accustomed themselves to the

ways of their women and have even adapted themselves to the condition of life, yet the jealousies and suspicions their women excite in them find expression in their beliefs in magic and witchcraft and in the various protective devices, charms and amulets which aim at securing for them a blissful domesticity.

The unhealthy and inhospitable Tarai climate tell upon the health of all immigrants but the Tharus seem to have developed an immunity against malaria, the greatest scourge of this area. How far Tharu blood groups differ from those of other tribes and castes, how such difference may account for this immunity against malaria, how the claim of the Tharus that they are of mixed descent between the Rajput women and the Nepalese or other tribal people stands with respect to the Tharu blood groups, have been discussed in detail in the paper.

3. S. L. HORA and N. C. LAW.—*Respiratory Adaptations of the South Indian Homalopterid Fishes* (read by Dr. S. L. Hora).

The respiratory movements of *Balitora*, *Hemimyzon* and *Bhavana* are discussed and correlated with the habitat and form of the fishes. It is shown that the movements of the inner rays of the pectoral fins are not associated with respiration. The probable causes which may have led to the reduction of gill-openings and the formation of receptacles for storage of water are explained. Attention is directed to the close parallelism between the accessory respiratory chambers of the Homalopteridae and the bucco-pharyngeal chambers of certain air-breathing fishes of India. An account of the lips and associated structures of the Homalopteridae of South India is given and the probable functions of the various structures explained.

The Chairman announced the result of the ballots for election of Ordinary Members and the Associate Member and declared that the candidates had been duly elected.

Before concluding the meeting the Chairman announced that three General lectures by Dr. A. A. Bake, M.A., D.Litt. (Oxon), had been arranged to be held in November and December, as follows:—

First Lecture—On Tuesday, the 10th November, at 6 P.M.

Subject: *Affinity of Western and Indian Music.*

Second Lecture—On Tuesday, the 24th November, at 6 P.M.

Subject: *Some Indian Religious and Secular Folk-Dances.*

Third Lecture—On Tuesday, the 8th December, at 6 P.M.

Subject: *Ladakh and the Dances at Hemis Monastery.*

The Chairman announced that notices concerning these lectures had been issued to all Resident members, and invited the members present to communicate to the office names and addresses of non-members to whom they wished invitations to be issued.



DECEMBER

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 7th, at 5 P.M.

PRESENT

M. Z. SIDDIQI, ESQ., M.A., Ph.D., Member of Council in the Chair.

Members :

Akbar, Mr. M.	Haq, Prof. M. M.
Bent, Mr. W. A.	Hendrie, Major J. H.
Brown, Mr. Percy	Hora, Dr. S. L.
Chatterjee, Mr. Patitpaban	Hosain, Mr. S. Wajahat
Edgley, Hon'ble Mr. Justice N. G. A.	Majumdar, Dr. R. C.
Griffiths, Dr. W. G.	Nag, Dr. Kalidas
	Rahman, Mr. S. K.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following three presentations of books, etc., which had been placed on the table for inspection:—

84 and 85. From the Madras Govt.—Sri Ramanujacampu and Alphabetical Index of Sans. MSS., Part III.

86. From Govt. of Bengal—Press List of Ancient documents relating to the Governor-General in Council, Ser. 1. Vol. 9.

The General Secretary announced that the following candidates would be balloted for as Ordinary Members:—

(26) *Griffiths, Gower Barham*, F.R.G.S., Frontier Force Rifles, Capt, c/o Messrs. Grindlay & Co., Ltd., Bombay.

Proposer: H. Hobbs.

Seconder: S. L. Hora.

(27) *Khosla, A. N.*, B.A., Writer of Books and Govt. Service, Post Box No. 239, Lahore.

Proposer: S. L. Hora.

Seconder: M. M. Haq.

(28) *Ishaque, Mohammed*, M.A., B.Sc., Ph.D. (Lond.), Lecturer, Calcutta University; 159-B, Dhurumtollah Street, Calcutta.

Proposer: N. G. A. Edgley.

Seconder: M. M. Haq.

The General Secretary reported that

(2) Prof. P. C. Sen-Gupta (elected on 1-6-42).
had withdrawn his application for membership.

The General Secretary reported that, in accordance with Rule 45, the Council submit for confirmation to the meeting the following changes in the composition of the Council, made in one of the Council meetings, since the last Ordinary Monthly Meeting:—

1. General Secretary—Dr. Kalidas Nag, *vice* Dr. S. L. Hora, resigned.

2. Library Secretary—Dr. S. L. Hora, *vice* Dr. R. C. Majumdar.
3. Historical and Archaeological Secretary—Dr. R. C. Majumdar, *vice* Dr. Kalidas Nag.

Order: Confirm.

The General Secretary, Dr. S. L. Hora, then vacated his seat which was occupied by the newly elected General Secretary, Dr. Kalidas Nag, who began to function as General Secretary.

On assumption of the office of General Secretary, Dr. Nag offered a cordial vote of thanks to the retiring General Secretary, Dr. S. L. Hora, for the valuable and devoted services he rendered to the Society since his appointment in July of the year. He also welcomed the newly appointed Historical and Archaeological Secretary, Dr. R. C. Majumdar, and expressed the hope that with his mature experience as an ex-Vice-Chancellor of the Dacca University, and as an eminent Professor, Historian and Archaeologist he would be able to help the Society in all aspects of its work. He also hoped that Dr. Hora would continue to help the Society as its Library Secretary and thus would remain on the administrative body.

Dr. Majumdar also thanked the retiring General Secretary and welcomed the new Secretary, Dr. Nag.

The Chairman also, associating himself with the sentiments expressed by Drs. Nag and Majumdar, offered a vote of thanks to Dr. S. L. Hora and welcomed Dr. Kalidas Nag.

The General Secretary reported that, in accordance with Rule 48(a), the Council, since the last Ordinary Monthly Meeting, had passed a revised set of Regulations regarding the award of the Paul Johannes Brühl Memorial Medal, as follows:—

(1) The medal shall be awarded triennially at the Ordinary Annual Meeting of the Royal Asiatic Society of Bengal in February, to the author of the most meritorious piece of original research in any branch of Botany with reference to the Indian Empire published during the five years preceding the year of award.

(2) The management of the Fund is entrusted to the Society and the making of the award to a Board consisting of

1. The President, Royal Asiatic Society of Bengal;
2. The Ghose Professor of Botany, Calcutta University;
3. The Director, Botanical Survey of India, Calcutta;
4. The President, Botany Section, Indian Science Congress Association for the year;
5. The Secretary, Natural History Section, Royal Asiatic Society of Bengal.

If in any particular year any of the aforesaid persons are not available to serve on the Board, the Council of the Royal Asiatic Society of Bengal shall have the right to modify the personnel of the Board.

* (3) The Society shall be free to frame and modify from time to time Regulations for the award similar to those in force for its existing awards except that the composition of the Board shall not be altered except as provided in Regulation No. 2.

(4) The General Secretary of the Royal Asiatic Society of Bengal shall, not later than the first week of November, call a meeting of the Board for the first convenient date subsequent to the first Monday of December, at the same time requesting members to bring with them to the meeting detailed statements of the work or attainments of such candidates as they may wish to propose. The General Secretary shall also place before the Board for consideration detailed statements of the work or attainments of any other candidate submitted by any Fellow of the Society. The Board shall select a candidate to be submitted to the Council at its December meeting.

(5) Notwithstanding anything determined under these Regulations, it shall be within the competence of the Board to abstain from the selection of any name to be submitted for the year and to report accordingly to the Council, in case, provided the Council concurs, the award for the year shall lapse.

(6) No limitations binding posterity are placed on the transfer of the fund to the Trusteeship of the Society.

Order: Confirm.

The General Secretary reported that, in accordance with Rule 2(c), the Council had proposed for election as an Associate Member of the Society of—

Mr. W. S. Birney.

The General Secretary stated the grounds on which the recommendation had been made, as follows:—

‘William S. Birney is a prolific writer in subjects connected with old Calcutta and other problems of British Indian history. He began publishing his articles about 15 years ago, in the *Diocesan Record*, the *Statesman*, the *Times of India* and *Bengal, Past and Present*, and in other journals. His papers on the careers of Job Charnock; of Hindu Stuart—Major General (1777), of Bishop Middleton (1819–22), of Bishop Heber (1823–26) disclosed many new facts of deep significance. He discussed with considerable originality the problems of Transport in Old Calcutta and its Theatres (1774). His valuable paper on the Forgotten Governors of Bengal (1713–52) was published in *Bengal, Past and Present* (Sept. 1938) and appreciated by the members of the Calcutta Historical Society. In consideration of his valuable contributions, the Council have proposed his name for election as an Associate member of the Society. His name will be balloted at the next Ordinary Monthly Meeting.’

In accordance with Rules 2 and 13, the Chairman called for a ballot for the re-election as Associate Members of the Society for a further period of five years of—

Rev. Fr. P. Johannes, and
MM. Anantakrishna Shastri,

whose names had been proposed in the last Ordinary Monthly Meeting.

The following paper was read :—

1. VERRIER ELWIN.—*Conception, Pregnancy and Birth among the Tribesmen of the Maikal Hills* (read by Dr. W. G. Griffiths).

The author, after conducting personal investigations for over ten years, gives an outline of the general ideas about motherhood, conception, pregnancy, birth and the puerperium held in common by a number of the tribes living in the Maikal Hills at the extreme end of the Satpura mountains and their immediate neighbourhood. The tribes studied are the Gonds, Agarias, Baigas, Parghans, Dhobas, Bharias and a few others.

The author's conclusion is that all the tribes of one particular area who are on the same level of progress and acculturation hold precisely the same views about the great majority of subjects. The Baigas may be more highly sexed than the Agarias, the Gonds may have a higher idea of domestic morality than certain other tribes. One tribe will be more attached to shifting cultivation; another to the delights of the chase. But on such matters as religion and magic, the customs governing sexual intercourse, birth and childhood, most of the tribes living in one district hold the same views and observe the same customs.

The following exhibits were shown and commented upon :—

1. DR. R. C. MAJUMDAR.—*Rajavijaya-natakam*.

A Sanskrit manuscript written in Bengali. It is a drama composed on the occasion of the performance of a religious ceremony by Maharaja Rajballabh of Rajnagar in 1754-55 A.D. This unique manuscript is in the collection of the Dacca University.

2. DR. M. Z. SIDDIQI.—*An important MS. of the Poems of four important Poets of Persia—Sa'adi, Hafiz, Jalalu-i-Adud and Kamal of Khujand*.

The manuscript may be aptly described as an important discovery of high literary value, throwing fresh light on several doubtful points connected with the lives and careers of several important Persian poets, including the greatest lyric poet, Khwaja Shamsuddin Muhammad Háfiz of Shiráz whom it proves to be not only the most popular poet of his time, a lecturer on the Koran, and a keen critic of poetry in general and keen student of Arabic Poetry in particular, but also as a tutor of the Sultan—an aspect of the poet's life, of which no notice has been taken so far.

In October, 1421, it was copied by one Muhd. b. Sa'id b. Abdallah who describes himself as (al-Háfiz, al-Qá'ri) the reciter of the Koran, and is written on thin glazed, white Persian paper, in very fine hand, in the Naskh style. The first page contains the list of the works of Sa'di, included in his Kulliyát, in Tughrá style, and is beautifully ornamented in gold and blue. The heading of each treatise represents a beautiful specimen of fine Persian ornamental caligraphy in gold and blue. Every page is partially ornamented and lined in gold. It was, probably, originally written for a royal library and changed many hands during the last 521 years. There are reasons to believe that it had been, for some time, in the library of Moghul Kings of India also. But, unfortunately, the seals on the colophon as well as the notes on it have been obliterated by some mischievous person. It had been for some time, however, lying, forsaken and unnoticed, in the library of Hazrat Sháh Sháhídh 'Alí Sabzpush, a well-known zamindar and Muslim divine

of Gorakhpur in the U.P., who got it out of a bundle of disconnected, partially worn out old books, and got the pages carefully repaired and bound. He has very kindly lent it to the exhibitor for perusal and study.

The book, however, has suffered a good deal on account of being uncared for. Many pages have been partially eaten up by worms and some folios are missing.

It contains the Kulliyát of Sa'dí (1184 to 1291), the Diwans of Háfiz (D. 1389) and of Jalál-i-Aqūd (D. 1400 A.D.) a contemporary of Háfiz, and a selection of the Diwan of Kamál of Khujand, a friend of Háfiz.

It is one of the early manuscripts of the Kulliyát of Sa'dí (the earliest being in the India Office Library), and the earliest manuscript of the Diwans of Háfiz (being copied only 32 years after his death) of Jalál-i-Aqūd.

This manuscript of the Diwan of Háfiz contains also the famous and most valuable introduction to it, by the poet's friend, Muhammad Gul Andam, the genuineness of which has been doubted by many. But the discovery of this manuscript must remove the doubt, and finally settle the point, and establish the position of the greatest lyric poet of all times as a mystic, as a scholar of Arabic literature, a lecturer on the Koran and a tutor of the Sultan.

The Diwan of Jalál-i-Aqūd also contains an introduction in highly ornate prose, by some unknown author, but it refers to an incident which may serve as an explanation for a doubtful story with regard to the cause of the death of Háfiz.

The Chairman announced the results of the ballots for the election of Ordinary members and the re-election of the Associate members and declared that the candidates had been duly elected.

Before closing, the Chairman announced that the final lecture of Dr. Bake on 'Ladakh and the Dances at Hemis Monastery' would be held on 8th December and invited the members to be present at the lecture with their friends.

OBITUARY NOTICES

RAI BAHADUR SARAT CHANDRA ROY.

Rai Bahadur Sarat Chandra Roy was born on 4th of November, 1871 and passed away on 30th of April, 1942, at the age of 71. Finishing his M.A. and B.L. examinations by 1895 he migrated to Ranchi to practise as a lawyer and naturally came to love the simple aboriginal folks of the Chota Nagpur plateau who were exploited mercilessly by alien merchants and landlords. He was not satisfied with merely defending these innocent aborigines in the Court but throughout his life he championed their cause earning thereby the title of the Advocate General of the Aborigines. While studying their legal status, Mr. Roy came to push his studies further in the domain of their manners and customs, their languages and cults. Thus during the last forty-five years, Mr. Roy published many important works on the Mundas, Oraons, Birhors, hill Bhuinyas, Kharias and others. In 1915, he laid the foundation of the Patna Museum which he served for a couple of years as its first Curator and presented it with his valuable collections of copper tools attributed by him to the proto-historic Asura culture.

In 1921, he started the first systematic journal of Indian anthropology, *Man in India*, which has drawn the attention of anthropologists all the world over to the rich yet sadly neglected field of India. He had the honour of being elected the member of a Committee of the International Congress of Anthropology. He presided over the Anthropological Section of the Indian Science Congress (1920) and throughout his life encouraged scholars from all parts of India undertaking field work so that Mr. Verrier Elwin could worthily name him 'the Father of Indian Ethnography'. He was an honorary member of the Folklore Society of London and associate member of the Royal Asiatic Society of Bengal in 1929.

KALIDAS NAG.

RAI BAHADUR RAMA PRASAD CHANDA.

Rai Bahadur Rama Prasad Chanda started his career as a teacher serving a school at Gazipur where he attracted the attention of Mr. (now Sir) Atul Chatterjee, I.C.S., who was deeply impressed by Mr. Chanda's passion for historical studies. He served also the Hindu School of Calcutta and

after the Partition of Bengal, got himself transferred to Rajshahi. There he came into touch with the renowned historian Akshay Kumar Maitra and Kumar Sarat Kumar Roy of Dighapatiya. Mr. Chanda published two papers in the *East and West*, Bombay: 'India and Babylon' (1905) and on 'the Origin of the Bengalis' (1907). At the Literary Conference of 1919, organized by the Bangiya Sahitya Parisad, at Rajshahi, Principal Ramendra Sundar Trivedi moved a resolution urging the publication of 'A monograph on the origin of the Bengali people'. Mr. Chanda was entrusted with the task and completed his survey of *The Indo-Aryan Races* published (1916) by the Varendra Research Society. As early as 1909 while Mr. Chanda was helping Sarat Kumar Roy to organize the Society, he was taking 'measurements of head-form of living subjects. In 1910 just before the census, Mr. Chanda was placed on special duty by the Govt. of Eastern Bengal and Assam to carry on ethnological researches and he applied anthropometric methods to the analysis of caste groups with the co-operation of the Ethnographical Survey of India. In 1912, he gave us in Bengali the first systematic survey of the Dynastic History of Bengal the *Gauḍa-Rāja-Mālā* based on a sound study of epigraphic documents. Thus he began to enrich our historical literature by publishing many valuable papers in Bengali as well as in English. He thus attracted the attention of Sir Asutosh Mookerjee who recruited him into the newly founded Dept. of Anthropology at the University of Calcutta. At that time, the eminent French archaeologist Mon. A. Foucher visited India and began to work in co-operation with Sir John Marshall, Director, the Archaeological Survey of India. Mon. Foucher found Mr. Chanda's expert knowledge so helpful to him that he strongly recommended him to Sir John Marshall who got Mr. Chanda appointed as the Superintendent, Archaeological Dept., Indian Museum. He thoroughly re-arranged the Archaeological Galleries and published many valuable reports and monographs. He helped also the State of Mayurbhanj to develop a Museum at its ancient capital Khiching. After retirement he visited England to participate in the Congress of Anthropology and published his valuable Catalogue of the Mediaeval Sculptures in the British Museum. In him we have lost a veteran epigraphist, a historian and an anthropologist of rare merit. He trained many young scholars and his pupil Mr. Sarasi Kumar Saraswati, M.A., helped our Society by checking up the collection of copperplates and our coin-collections. Mr. Chanda was a member of our Council and our Anthropological Secretary.

KALIDAS NAG.

(Read at the Ordinary Monthly Meeting on 6th July, 1942.)

SIR JOSEPH LARMOR.

Sir Joseph Larmor, F.R.S., was born in 1857 in Northern Ireland, and took his mathematical tripos at Cambridge in 1880. Larmor was senior wrangler of his year, while Sir J. J. Thomson was second. After serving some years as a lecturer in Mathematics at Cambridge, Larmor became Lucasian Professor in 1903. His researches are on mathematical physics, and extend over thermodynamics, electrodynamics, and electrical properties of aether and matter. Larmor will be best remembered for his theory of the influence of magnetic field on spectral emission, a thesis which he published almost simultaneously with Lorentz's alternative treatment of the same subject. The idea of magnetic atoms precessing about the axis of the external field (Larmor-precession) has survived the wreckage or oblivion of his highly speculative theories of aether and matter and has found an honoured place in quantum theory. In 1924, Larmor was attracted to the problem of the ionosphere, and made fundamental contributions. Larmor also collected and edited the works of Cavendish, Fitzgerald, Kelvin, Stokes and J. J. Thomson, and represented the Cambridge University in the Parliament as a Unionist member from 1911-1922. He was elected to the Royal Society in 1892, and was Secretary from 1901-1912. He was an Honorary Fellow of the Royal Asiatic Society of Bengal since 1920.

MEGHNAD SAHA.

(Read at the Ordinary Monthly Meeting on 6th July, 1942.)

MAHARAJA SIR PRADYOT KUMAR TAGORE.

The Maharaja joined the Society as a member in 1898 and throughout kept his interest in the cultural activities of the Society. We are specially thankful to him for the presentation of a bas-relief representing our founder Sir William Jones preparing his book on Sakuntala in collaboration with the learned Pandits of Bengal. The Maharaja was a Trustee of the Indian Museum and was also the President of the Society of Artists exhibiting in the winter season the outstanding works of contemporary Indian artists from all over India. He was a connoisseur of art himself owning a remarkable collection of European paintings. He was the son of the illustrious writer on Hindu Music, the late Raja Sir Sourindra Mohan Tagore.

KALIDAS NAG.

(Read at the Ordinary Monthly Meeting on 2nd November, 1942.)

HIRENDRA NATH DUTT.

A solicitor and lawyer by profession, Mr. Hirendra Nath Dutt consecrated his entire surplus time and energy to the development of two of the major educational institutions of Bengal: the Bengal Academy of Letters (Bangiya Sahitya Parishad), of which he was the President, and of the National Council of Education, Bengal, of which he was the perpetual Secretary. Mr. Dutt was a versatile scholar in divers lines although his preferences were with Hindu Philosophy specially of the Idealistic School of the Vedānta. The Upanishads and the Bhagavadgītā found in Mr. Dutt one of their most lucid commentators and before his death he was honoured by the University of Calcutta inviting him to deliver the Kamala Lectures. He was a member of the Royal Asiatic Society since 1926.

KALIDAS NAG.

(Read at the Ordinary Monthly Meeting on 2nd November, 1942.)

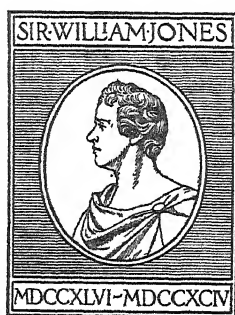
SIR MANMATHA NATH MUKHERJEE.

Joining our Society in 1928 Sir Manmatha Nath, amidst his busy life as a successful lawyer and a judge of the Calcutta High Court, fostered to the best of his abilities the various cultural and religious institutions of Bengal. He was the President of the All-Bengal Sanskrit Association, the Mahabodhi Society, and many such institutions which function today as sister institutions to our Society. A devout Hindu that he was, Sir Manmatha Nath encouraged the propagation of Buddhism as a form of liberal Hinduism. He was ever ready to help needy scholars with advice and financial aid.

KALIDAS NAG.

PART III

YEAR-BOOK
OF THE
ROYAL ASIATIC SOCIETY OF BENGAL
VOLUME Xth
1944



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PROCEEDINGS OF THE ANNUAL MEETING, 1944

The Annual Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 7th February, 1944, at 5-30 P.M.

PRESENT:

DR. SYAMAPRASAD MOOKERJEE, M.A., B.L., D.Litt., LL.D.,
Barrister-at-Law, President, in the Chair.

Members:

Agharkar, Dr. S. P.	Gupta, Mr. H. C.
Asadullah, Khan Bahadur K. M.	Gupta, Mr. P. C.
Bagchi, Dr. K. N.	Haq, Khan Sahib M. M.
Biswas, Dr. K. P.	Hobbs, Mr. H.
Bose, Dr. D. M.	Hora, Dr. S. L.
Bose, Mr. M. M.	Ishaque, Dr. M.
Bose, Mr. S. M.	Jain, Mr. C. L.
Brahmachari, Dr. P.	Khaitan, Mr. K. P.
Brahmachari, Sir U. N.	Law, Dr. S. C.
Brown, Mr. Percy	Lort-Williams, Sir John
Cameron, Rev. Allen	Meyer, Miss S.
Chatterjee, Mr. P. P.	Mukherjee, Dr. J. N.
Chatterji, Dr. S. K.	Osborn, Dr. H. B.
Culshaw, Rev. W. J.	Rahman, Mr. S. K.
Dhiman, Mr. M. C.	Sarkar, Sir Jadunath
Dutt, Dr. N.	Sen Gupta, Mr. P. C.
Edgley, The Hon'ble Mr. Justice N. G. A.	Siddiqi, Dr. M. Z.
Gangoly, Mr. O. C.	Sircar, Mr. Ganapati
Ghatak, Mr. J. C.	Sukul, Mr. L.
Ghosh, Dr. P. N.	West, Mr. W. D.
Grant, Dr. J. B.	Zakaria, Mr. A. K. M.
Griffiths, Dr. W. G.	and many others.

Visitors:

Hill, Prof. A. V., F.R.S., M.P., Secretary, Royal Society.
Jayatilaka, Hon. Dr. Sir Baron, Representative of the Govt. of Ceylon.
Li, Dr. F. K. of China.
Ma Tin Nyun, representative of Princess Ma Lat.
and fifty other distinguished visitors.

The President declared the Annual Meeting open, and read the following message from H.E. The Governor of Bengal, Patron of the Society:—

‘It is a real regret to me that I cannot be present with you this afternoon, more especially as the Royal Asiatic Society of Bengal celebrates this year its 160th birthday. I am assured that, despite the weight of its years, the Society continues energetically to pursue the course set for it by its illustrious founder,

and that it extends its enquiries with energy and zeal to whatever is performed by Man or produced by Nature within the geographical limits of Asia. I am also especially glad to hear that, in addition to its normal activities, the Society has instituted a series of Discussion Meetings for the particular benefit of members of the Defence Services, and I am confident that these meetings are a contribution to the war effort, of which the Society may justly be proud. I take this opportunity, therefore, of sending to the Society an expression of my good wishes for its future and for the successful prosecution of its work during the ensuing year, and I hope that before long I may have an opportunity of seeing personally something of this work and of meeting those who perform it.'

The President then said: 'Ladies and Gentlemen, Voting papers for the election of Council for 1944 and for the election of an Ordinary Fellow will be distributed to all the Ordinary members present. I request the Ordinary members present to put their voting papers in the collection boxes which will be sent round to them.'

After the distribution of the voting papers, the President appointed Khan Bahadur Asadullah and Dr. Suniti Kumar Chatterjee to act as scrutineers.

The President then called upon the General Secretary to present the Annual Report for 1943, who did so.

The messages of greetings were then read by:—

(1) Prof. A. V. Hill, F.R.S., M.P., Secretary, Royal Society, London, on behalf of the Royal Society. Prof. Hill presented also to the Society the autograph letters of the Prime Minister of England and of General Smuts from South Africa. (2) Dr. F. K. Li of China on behalf of the Chinese Academies. (3) The Hon. Dr. Sir Baron Jayatilaka, Kt., K.B.E., LL.D., M.A. (Oxon.), Barrister-at-Law, Representative of the Govt. of Ceylon in India, on behalf of the Govt. of Ceylon. (4) Sir Jadunath Sarkar on behalf of the Bangiya Sahitya Parishad. (5) Ma Tin Nyan on behalf of the University of Burma.

The President called on the General Secretary to read messages of greetings from other institutions and individuals.

Thereupon the General Secretary read messages of greetings received from Dr. Kunnangara, Minister of Education, Ceylon, and from the Bombay Branch of the Royal Asiatic Society of Great Britain and Ireland, and others.

The President then read his Annual Address.

After the reading of the Address, the President announced the result of the Council election.

The President thanked the Society for re-electing him as President for 1944.

The President then made the following announcements:—

1. *Election of an Ordinary Fellow.*

'I have now the great pleasure to announce that, having received the report of the scrutineers, I declare

Dr. Girindrasekhar Bose

duly elected an Ordinary Fellow of the Society.'

2. *Elliott Prize for Scientific Research.*

The President announced that papers from two candidates had been received during the last year in competition for the 'Elliott Prize for Scientific Research', which was for Geology and Biology (including Pathology and Physiology). The referees to whom their papers had been sent for opinion had stated that none of them really dealt with subjects likely to 'develop the industrial resources of Bengal, Bihar and Orissa' in accordance with the conditions of the Prize. The Trustees concurred with the opinion of the referees and decided not to award any prize for the past years.

The prize for this year would be for 'Mathematics' concerning which notification had already been published in the 'Calcutta', 'Bihar' and 'Orissa' Gazettes.

3. *Barclay Memorial medal.*

This medal is bestowed every alternate year on a person who, in the opinion of the Council, has made conspicuously important contributions to Medical or Biological Science with special reference to India. The medal for the year 1943 is awarded to

Rai Sir Upendranath Brahmachari Bahadur, Kt., M.A.,
M.D., F.S.M.F., F.N.I., F.R.A.S.B., a former President
of this Society,

in recognition of his conspicuously important contributions to Medical Science with special reference to India.

The President presented the medal to Sir U. N. Brahmachari expressing his hearty congratulations.

4. *Sir William Jones Memorial medal.*

This medal is awarded triennially to a person who, in the opinion of the Council, has made conspicuously important Asiatic Researches, with reference alternatively to (1) Science including medicine, and (2) Philosophy, Literature and History.

The medal for 1943 was for Philosophy, Literature and History and is awarded to Sir S. Radhakrishnan, Kt., M.A., D.Litt., F.B.A., Vice-Chancellor, Benares Hindu University, for his conspicuously important researches with reference to Indian Philosophy.

no small thing, testifying as it does to the continued loyalty of several generations of members. But when that long period of existence is associated with a splendid record of 'Service to truth and humanity', as your General Secretary has well-expressed it, one cannot help being filled with a deep sense of gratefulness to that great man whose genius and love of Oriental learning were responsible for the foundation of this Society, and to the distinguished scholars who in his time, and in later years, laboured in this new field revealing to the world vast literary treasures which had previously lain hidden and unexplored. I need not repeat here the various activities undertaken by the Society, and the scholars, both European and Indian, who were associated with those activities during its past history.

One important fact that should be borne in mind is that the Royal Asiatic Society of Bengal was the first institution of the kind established for the purpose of investigating the learning and the culture of Eastern lands. Even the Royal Asiatic Society of Great Britain came into being some forty years after the foundation of the Bengal Royal Asiatic Society. It has also been the precursor of similar Societies in India and elsewhere. One of these Societies is the Ceylon branch of the Royal Asiatic Society, founded a century ago. I have had the good fortune of being a member of this Society for about forty years, and also the honour of being its President for about four years. I am therefore in a position to testify to the very large amount of valuable research work the Ceylon Society has done in the field of history, language and literature, customs and traditions of the Island.

I would take this opportunity to refer to what I consider a matter of great importance, especially to scholars and peoples inhabiting the Buddhist lands in South-Eastern Asia, such as Ceylon, Burma, Siam, Cambodia, etc. This morning I was told by Dr. Kalidas Nag that your Society had in its possession a large collection of Burmese manuscripts brought from Burma seventy or eighty years ago, and also a small number of Sinhalese manuscripts. These documents have lain all these years without being examined to find out what they contained. In Ceylon, too, in temple libraries and in private possession, there are numerous manuscripts which have not yet seen the light of day. In these circumstances, would it not be possible, I ask, for this Society to initiate co-operation with the Royal Asiatic Society of Ceylon so that these manuscripts may be examined, catalogued, and in the case of such of these as may be deemed worth publishing, prepared for publication? For this purpose it may perhaps be necessary to form an International Text Society. I do not propose to discuss here in detail the constitution of such a Society. It may be noted here that such an International Body exists today in the Maha Bodhi

Society, which operates successfully in the sphere of religion. I venture to think, therefore, that the formation of such a Society as I have indicated is feasible, and is likely to produce beneficial results. In that hope I would submit this proposal for the consideration of all who are interested in the cultural co-operation between India and Ceylon.

Tin Tut, Ex-Vice-Chancellor, University of Rangoon, Representative of the Government of Burma in India, Simla, sent the following message which was read by Ma Tin Nyun :

Please ask Princess Malat to deliver the following message to the Royal Asiatic Society on my behalf: 'I know that all past and present members of Rangoon University will join me in expressing our admiration of great work done by your Society and in offering our congratulations and best wishes on its 160th Anniversary.'

Sir Jadunath Sarkar, Kt., C.I.E., Hony. D.Litt., Hony. M.R.A.S. (Gr. Brit. and Ire.), Corresp. M.R. Hist. Soc. (England), Hony. F.R.A.S.B., Hony. F. Bombay Branch R.A.S., President, Bangiya Sahitya Parisad, read the following message :

The Royal Asiatic Society of Bengal completed 150 years of its useful existence in 1934. Since then ten more years have passed, and these last years have seen great tension and disturbance in the political, economic and social fields, but during them your Society has continued to pursue its career of useful activity with no less but greater vigour. The Bangiya Sahitya Parisad, as a Society for the promotion of Indian studies in literature, language, history and sociology and other sciences through the medium of the Bengali language, has now completed 50 years of its own life, and begs to offer to the Royal Asiatic Society of Bengal its felicitations and thanks as to a parent.

Mr. Chu Chia-Hua, President, Academia Sinica, Chungking, China, sent the following message :

I have the pleasure to inform you that Dr. Li Fang-Kwei, a distinguished Fellow of our Institute of History and Philology, is bringing to you the greetings and congratulations of the Academia Sinica on this auspicious occasion of the 160th Anniversary of your honoured Society.

On behalf of the Academia and on behalf of Chinese scholars in general, may I also wish you success in your great contributions to the world's treasure of knowledge, and to express to you the great interest and admiration that our scholars have always taken in your learned endeavours. We hope that Dr. Li's visit

on this occasion will serve to bring us together even closer than it has hitherto been possible for us to be and that our common faith in the power of pure unbiased knowledge in bringing about better world understanding and permanent world peace will continually receive demonstration and support.

Mr. Chu Chia-Hua, Chairman of the Board of Directors, Sino-Indian Cultural Society in China, Chungking, China, sent the following message :

On behalf of the Sino-Indian Cultural Society in China I wish to send you through Dr. Li Fang-Kwei our sincere greetings on the occasion of the 160th anniversary of your honoured Society. We congratulate you on the brilliant record of your research in the past, and we hope that in the future your contributions to the study of Asiatic culture will be crowned with ever greater success.

The Royal Asiatic Society, Bombay Branch, sent the following telegram :

Warmest felicitations. 160th Anniversary. Our senior society ever young and active. Pray long career of continued success in cultural mission.

Mr. C. W. Kannangara, Minister for Education, Ceylon, sent the following message :

Visited the Royal Asiatic Society Headquarters of Bengal on the kind invitation of Dr. Kalidas Nag, the General Secretary. I am glad that my visit coincides with the one hundred and sixtieth anniversary of the Society. The Royal Asiatic Society of Ceylon is a branch of the R.A.S. of London, which I am informed, was inaugurated by one who had been the prime mover of the parent society of Bengal. Therefore, as representing the Ceylon Society, I wish the grand-parent Society, many more years of useful service in reconstructed India, holding its rightful place in the Great Commonwealth of the Free Nations of the world.

Dr. P. E. Pieris, Honorary Secretary, Royal Asiatic Society, Ceylon Branch, sent the following message :

Your letter of 1st February inviting this Society to send a delegate to take part on the 7th in the celebration of the 160th Anniversary of the foundation of the Royal Asiatic Society of Bengal, only arrived on the 8th instant; however, Sir Baron Jayatilaka, who it was understood would be present on the occasion, had been already requested to convey this Society's felicitations, if the opportunity occurred. Our then

President was present at your 150th Anniversary, and I am now instructed to convey to you our best wishes on the present occasion; your Society has taken the lead in opening many fields of knowledge in the past and we are confident that with increasing opportunities your contribution will, if possible, be even greater in the future, to the advantage of a world now fully alive to the need of understanding the East.

Prof. A. V. Hill sent the following letter to Dr. S. P. Mookerjee, President of the Society, enclosing the letters of Mr. Churchill and Gen. Smuts, presented to the archives of the Society :

You will probably have heard that at the Special Meeting of the Royal Society held here in Delhi yesterday before the inauguration of the Indian Science Congress I read letters of greeting to Indian scientific men from Mr. Winston Churchill and Field Marshal Smuts. I thought it might be of interest to people in India to keep the originals of these letters, and after enquiring from several colleagues it was suggested that the Royal Asiatic Society of Bengal would be the most suitable body to keep them in its archives. I send them, therefore, to you herewith with my compliments to the Royal Asiatic Society of Bengal.

Professor Saha has told me about the arrangements he has made for my visit to Calcutta during the first week of February and of the invitation to deliver on the 3rd of February the Sir William Jones Memorial lecture on 'the Royal Society'. I am very honoured by the invitation which I have told him I accept gladly. I would mention in my talk that I have given you the originals of these two letters, which I hope will be of interest to your Society.

10 DOWNING STREET,
WHITEHALL.
October 30, 1943.

DEAR PROFESSOR HILL,

I am very glad to have the opportunity to send through you my greetings and good wishes to Indian men of science and especially to the six Indian Fellows of the Royal Society, of which I am honoured to be myself a Fellow.

It is the great tragedy of our time that the fruits of science should by a monstrous perversion have been turned on so vast a scale to evil ends. But that is no fault of science. Science has given to this generation the means of unlimited disaster or of unlimited progress. When this war is won we shall have averted disaster. There will remain the greater task of directing knowledge lastingly towards the purposes of peace and human good. In this task the scientists of the world, united by the bond of a

single purpose which overrides all bounds of race and language, can play a leading and inspiring part.

Yours very sincerely,
WINSTON CHURCHILL.

Professor A. V. Hill, O.B.E., F.R.S., M.P.

SOUTH AFRICA HOUSE,
TRAFALGAR SQUARE,
LONDON, W.C. 2.
26th October, 1943.

DEAR PROFESSOR HILL,

I am much interested to hear of your coming mission to India, and feel certain that you will be able while there to place your large and varied scientific experience at the disposal of the Government and other organisations in all matters in which science plays a part. There as elsewhere scientific research in relation to industry, agriculture, war and in other directions is of paramount importance, and you will find a rich field for your knowledge and energy.

I am specially interested to know that you will probably attend a meeting of the Indian Science Congress, and will also act on behalf of the President of the Royal Society in admitting to the Fellowship of the Society a number of distinguished Indian scientists. As a past President of the parent British Association for the Advancement of Science, and a senior Fellow of the Royal Society I should like to express through you my congratulations and cordial good wishes to these gentlemen on their becoming members of the greatest and most famous scientific society in the world.

In the great forward movement of India in our day, which is so universally acclaimed, there is nothing more outstanding than the part her sons are taking in science and scientific research, and some of the most notable advances in physics, mathematics and the biological sciences have come from Indian workers. Among them the names of our Indian F.R.S.'s—Raman, Saha, Sahni, Krishnan, Bhabha, and Bhatnagar are known over the whole world of science and have added lustre to India even outside the domain of science. It is therefore fitting that your scientific mission of goodwill should also be the occasion of honouring these scientific sons of India and conveying to them the congratulations of the whole scientific world.

With all good wishes,

Ever Yours sincerely,
J. C. SMUTS.

Professor A. V. Hill,
The Royal Society,
Burlington House,
London, W. 1.

ANNUAL ADDRESS, 1943-44.

LADIES AND GENTLEMEN,

In accordance with long-established custom it is now my privilege to address the Annual Meeting of the Society and to accord our cordial welcome to all members and well-wishers who have gathered here this afternoon. We have amongst us two distinguished guests whose presence we greatly value. Prof. Hill has brought with him a special message of good wishes from the Royal Society of London. The mission that has brought him to India is closely associated with the work which this ancient Society has accomplished for generations past. I sincerely trust that his visit will be followed by a well co-ordinated and effective policy of collaboration between men of science in India and the State resulting in rapid scientific progress and economic and industrial development of this great country. We have also amidst us today a distinguished representative from China, Dr. Li Fang Kuei, who has come to Calcutta with messages of greetings from the Academia Sinica and the Sino-Indian Society to our Society, thus forging another link of fraternity between two ancient civilizations which have lived from time immemorial as friendly neighbours, each influencing the other with the fruits of its imperishable genius.

The Society completes this year the 160th year of its existence. Its illustrious founder, Sir William Jones, was actuated by a passionate zeal for the advancement of knowledge and he saw, with the vision of a seer, the manifold opportunities for original investigation and research open to scholarly men, specially those from the West who came to serve their careers in India whether in the sphere of official administration or of commercial enterprise. He placed before his contemporaries and his successors for all time to come a magnificent but most ambitious ideal for unfolding the culture and civilization of Asia, making Calcutta a living centre of Asia's intellectual activities. The memorable words that he then uttered amply bear a repetition after 160 years, serving as they do to enable us to take stock of our achievements and to remind us of the unlimited field that yet remains to be covered before our founder's ideal can be worthily attained.

Defining the object of the Society being to enquire into the history and antiquities, arts, science and literature of Asia, Sir William Jones proceeded as follows:—

‘You will investigate whatever is rare in the stupendous fabric of nature; will correct the geography of Asia by new observations and discoveries; will trace the annals and even traditions of those nations who, from time to time, have

peopled or desolated it; and will bring to light their various forms of government, with their institutions, civil and religious; you will examine their improvements and methods in arithmetic and geometry—in trigonometry, mensuration, mechanics, optics, astronomy and general physics; their systems of morality, grammar, rhetoric and dialectic; their skill in surgery and medicine, and their advancement, whatever it may be, in anatomy and chemistry. To this you will add researches into their agriculture, manufacture, and trade; and, whilst you enquire into their music, architecture, painting, and poetry, will not neglect those inferior arts, by which comforts and even elegances of social life are supplied or improved.'

To give emphasis to these details, Sir William Jones added:

'If now it be asked, what are the intended objects of our enquiries within these spacious limits, we answer, Man and Nature: whatever is performed by the one, or produced by the other.'

Himself a scholar deeply versed in Western and Eastern languages and schools of thought, the clarion call given by Sir William Jones was responded to by generations of scholars and administrators, some of whom held the highest offices both under the East India Company and the Crown. One has to turn the pages of the Society's Proceedings and Journals during the last one century and a half and one is struck by the manner in which knowledge spread in various branches of history and antiquity, language and philosophy, science and medicine. In fact, the pioneer work of stimulating original investigation in both letters and science, since the advent of British rule in India, stands to the credit of our Society. It was at first conspicuously served by Western scholars, some of whom, after their retirement from India, went back to their native land and carried on their activities in furtherance of the cause of learning. The encouragement given to the cause of Asiatic research, with special reference to Indian culture and civilization, kindled the intellectual powers of many a brilliant Indian scholar of repute, thus coinciding with the movement of progressive expansion of Western education in this country. The history of our Society indeed records India's solid contributions to the progress of human civilization. I cannot but here stress a characteristic feature of our activities. The men who have come to our Society from generation to generation have belonged to various races and schools of thought, some of whom have had sharp differences in opinion and outlook amongst themselves, others following occupations widely divergent in character; but when they came into the rooms of the Society they left behind them all extraneous controversies and differences and were actuated by one common ideal and that was how best to stimulate the intellectual activity

of the country and to glorify the sacred traditions of truth and knowledge. Historically speaking, our Society, which was unique of its kind at its inception, gradually witnessed the formation of other learned bodies and institutions devoted to specialized research in particular branches of knowledge, some of whom were the direct outcome of the 'mother' Society's efforts. Calcutta and Bengal thus became the seat of the Indian Museum; the great scientific Services organized by the Government of India, Geological, Botanical and Zoological; a vast and progressive teaching and research university; the All-India Institute of Hygiene and Public Health; the Indian Association for the Cultivation of Science, a fine achievement of non-official efforts in the field of scientific education; the Indian Science Congress and the National Institute of Sciences; the Bose Institute; the Visva-Bharati, the international university embodying the idealism of Rabindranath Tagore and various other institutions. Similar intellectual activities also spread in other parts of India affecting the domains of both arts and sciences and Indian scholars have deservedly earned recognition throughout the civilized world.

Notwithstanding such a natural development of India's intellectual and cultural life, there still remains a paramount need of a Society such as ours. In the first place, it continues to afford a meeting-ground of scholarly men, old and young, wholly engaged in the pursuit of knowledge, following diverse branches of study in different organizations. It also brings them into contact with others who, while following administrative or business careers or belonging to some other learned professions, seek an opportunity not only to imbibe new ideas and knowledge but also to make their own contributions in some department or other. It is this latter class of non-specialists who have helped in no small measure to develop the love of Asiatic culture and civilization through the agency of this Society. In the second place, our Society claims to its credit a rich and valuable library divided into four sections, namely, General, Sanskrit, Islamic and Sino-Tibetan. Apart from its value as a reference and research library in various branches of indological and scientific studies, it has a particularly rich collection of manuscripts ranging from the seventh to the nineteenth century. Our total strength of manuscripts in the Sanskrit languages is about 27,000 representing a variety of subjects such as literature from the Vedic time, philosophy, law, grammar, history, geography, astronomy, mathematics, medicine, art, architecture, music, theology and religion. At least 10,000 Sanskrit MSS. still remain uncatalogued and undeciphered. Similarly, in the Islamic section we have more than 6,000 manuscripts ranging from the twelfth century to the nineteenth, covering an equal variety of subjects. Some of the manuscripts apparently formed part of the rich collections of Mughal Emperors whose autograph they bear.

More than 1,200 Islamic manuscripts still remain to be catalogued. Our collection of coins, from the early Hindu to those of Indo-Moslem rulers, numbers about 20,000; but this section has not developed on account of the policy adopted by the Society, nearly forty years ago, to hand over its coins to the Indian Museum. Our collection of copper-plates, numbering 40, ranges in date from the third century to the eighteenth and some of them constitute important landmarks of Indian history. During the last two years we have carried on with vigour and earnestness our scheme of completing the catalogues of our manuscripts without which deeper investigation can hardly be undertaken. Many of our rare collections have been removed from Calcutta due to war emergency and our task of reorganization will not be fully completed until the return of normal times. In any case if the Society is to do full justice to its large and valuable collections, it must be enabled to engage an adequate band of scholars and experts who will develop a well co-ordinated plan of translating, editing and publishing special memoirs on the rich treasures that the Society possesses. It is thus and thus alone and not by merely making the Society a storehouse of antiquities that we can worthily contribute to the advancement of knowledge. Our publications, including our Proceedings, Memoirs and Journals, suffered for some time for lack of proper publicity. The recent catalogue brought out by the Society has promptly demonstrated the keenness of the demand for our publications from scholars far and near. We are thankful to Government for the modest grant they have made for publishing our catalogues and manuscripts. The funds at the disposal of the Society do not, however, permit it to engage a large number of scholars to develop our utilization branch. If the task is to be completed within a reasonable period of time, our funds have to be generously supplemented both by the State and the public.

In the third place, the Society, though remaining a learned one, must continue to be a well-equipped and functioning centre from where new information and knowledge may be disseminated to the public in various fields of intellectual activity, social and economic, literary and scientific. The Society by its scheme of publications and public lectures must play an important part in bringing home to the people at large the fruits of investigations of scholars and savants. Without in any way allowing itself to become a machinery for propaganda, it may thus elevate the intellect of the people it serves, broaden their minds and sharpen their curiosity. The Society readily organized special courses of Discussion Meetings, intended for civilians and members of the Allied Forces, where distinguished lecturers regularly speak in a non-technical manner on some aspect or other of Indian culture and civilization, as part of the Society's war services.

The future of the Society depends on the zeal and devotion that its members and well-wishers may bring to bear on its affairs

consistent with the great ideals of its founder. Limitless was the scope of activities propounded by him; it is for us to adjust them with due regard to our ever-changing conditions and environments. Today the war has placed human civilization on its trial. Throughout the chequered history of mankind, there have been eras of remarkable progress and achievement often mixed with tragic clashes and conflicts reviving the barbaric impulses of the jungle-man. The ancient history of the East records many an achievement of the Asiatic peoples in the domains of arts, science and religion. Indeed the greatest religious prophets of the world flooded humanity with light from the Eastern horizon. But history also records that, for centuries, the East witnessed a decay of economic and scientific progress, and it laid greater stress on philosophy and religion, on literature, art and architecture. The West illumined itself and the rest of the world by great and startling discoveries of science and it felt glorified at the apparent mastery of Man over Nature. Science revealed to the human mind the great mysteries of Nature and her infinite capacity to do good to suffering humanity. Science, however, was not permitted by man merely to serve or enlighten humanity, irrespective of race, creed and colour, but it was wedded to a policy of devastating greed and exploitation, both national and imperial, leading to distrust and conflict, and upsetting the peace and security of the world at large. The Second World War through which we are passing today, costing the lives and happiness of millions of combatants and non-combatants, will be a meaningless sacrifice unless the peace that follows it is based on fundamental ideals of equality, justice and liberty. A war to end war there may never be. But is a peace to end war beyond the contrivance of mortal thought? The safety of the world lies in the elimination of ideas of the ever-expanding spirit of material conquest and of domination and exploitation of one race or country over another. The world is large enough for all of us to stand by the maxim—*live and let live*—and to inaugurate the establishment of a confederation of free countries, each having the liberty to develop itself on the basis of its own culture and traditions and contributing its share to the spirit of Man which recognizes no barrier of race, religion or colour. Every country must learn the supreme value of giving all possible scope to its scholars and thinkers, men of letters and science, who will not allow their intellect and freedom of thought and opinion to be sacrificed at the altar of State politics. The greatest antidote for tyranny is a powerful and fearless public opinion which scrutinizes men and things from a detached point of view and speaks with knowledge and authority whenever the occasion demands it. This Society, unique of its kind, has striven to embody within itself the best that the West and the East can give and on this synthesis the future happiness and security of the world will ultimately depend. India will have

to pass through her period of post-war reconstruction and this Society will, I hope, be enabled to play its appropriate rôle. Bearing in mind the soul-stirring words of our illustrious Founder, let us march along the path of truth and knowledge and contribute to the best of our ability to the growth of that unity in diversity, that spirit of mutual respect, trust and understanding among individuals and nations which must form the foundation of a new world-order dedicated to the cause of progress of human civilization.

CALCUTTA,
7th February, 1944.

SYAMA PRASAD MOOKERJEE.

THE ROYAL SOCIETY.

Address delivered by Professor A. V. HILL, M.P., F.R.S., Secretary of the Royal Society, on the 3rd of February, 1944, on the occasion of the 160th Anniversary of the Foundation of the Royal Asiatic Society of Bengal, by Sir William Jones.

I am very honoured by the invitation to give before the Royal Asiatic Society of Bengal, on the 160th Anniversary of its foundation, the memorial lecture to that great man—Sir William Jones, the founder of the Society. I am not, alas, an historian or scholar, but I know—or think I know—that the Royal Asiatic Society is the oldest learned society in the East and is, although seemingly still in the hey-day of its youth and strength, the parent and grand-parent of many of the scientific societies in India: of three of which, the Indian Science Congress Association, the Indian Academy of Sciences at Bangalore and the Physiological Society of India, I am now proud to be myself an honorary member. If I am ignorant of history and literature it is an intellectual ignorance only, an incapacity of my conscious brain to function adequately in those fields: for emotionally I have a deep sense of these things, a reverence for the memorials and records of human struggles, aspirations and achievements in the past and an admiration for those who can themselves contribute to and appreciate these great branches of knowledge.

This apology is the more necessary because my time has been so full since I received the invitation to give this lecture that there has been little opportunity either to look up the history of the subject of my talk or to learn something more closely of the founder of your Society. You have asked me to speak about the Royal Society, 'The Royal Society of London for Improving Natural Knowledge' to give it its full title. The subject should be easier than most because I have a long connection with the Society, but I have had no books of reference by me and most of what I have to say must come from memory.

It happens that I am a member of various learned bodies of considerable antiquity. Some years ago I attended the 600th Anniversary of the Foundation of King's Hall which was one of the Colleges from which later Trinity College, Cambridge, was formed. More recently I attended the 400th Anniversary of the Foundation of King's College, Cambridge. The American Philosophical Society 'held in Philadelphia for improving useful knowledge' celebrated its 200th Anniversary last year. The Ordnance Board, of which I am an Associate Member, can be traced back directly to a founder who fought

at Agincourt in 1415. All these and many other such connections with our forefathers give one a solid feeling of reverence and pious satisfaction when one thinks how well those great men of distant days laid the foundations for their successors. Of none of these societies is that more true than of the Royal Society which was given a Royal Charter by King Charles II in 1662. Indeed a list of its first and early Fellows, containing such names as Christopher Wren, John Evelyn and Robert Boyle, 'the father of chemistry and the brother of the Earl of Cork', even today provides a source of admiring study to those who have the time and the capacity for contemplating the origins of our modern science.

I suppose that no learned academy in the world can boast of a longer continuous existence than the Royal Society. At its foundation it obtained not only a Royal Charter from the King but also a silver mace which is still placed in front of the President when the Society or its Council meets: though at present for safety it is hidden far away. It owns a Charter Book in which the Charter is written, followed by the signature of practically all its Fellows from the start to the present day. Although a Royal foundation the Society is in no way a State institution or a Government body. Its business is in the hands of Officers and Council elected by its Fellows. Its Fellows are nominated by the Council and elected by the body of Fellows themselves. It receives no subvention from the Government apart from the grant of free accommodation at its present home at Burlington House, Piccadilly. Such monies as it receives from Government are expended in promoting science, in assisting other learned societies, in aiding scientific publication and in promoting international congresses.

This freedom from Government control or Government subvention gives the Society a freedom of action and an independence which are denied to many national academies of science. From its earliest days, however, the advice and help of the Royal Society have been sought by the Government. Among the early Fellows were many civil servants or public officials and it was natural that they should discuss at the meetings of the Society problems related to their departments. Thus Viscount Brouncker, the first President and the holder of high office in the household of Charles II's Queen, conducted important researches in gunnery. Samuel Pepys, the conscientious servant of the Admiralty and the author of the *Diary*, sought expert advice on naval architecture and the culture of trees: both vital matters at a time when England was striving for the mastery of the seas with the resolute sailors of the Netherlands. All through its long history the Royal Society has had rather special connection with the Admiralty, and a few years ago, when at the request of the Government the Royal Society bought a ship for Oceanographic work in the western waters

of the North Atlantic and sent her to Bermuda, the Admiralty allowed our ship to 'wear' the blue ensign.

The reluctance of the State, manifested even up to the present day, to provide adequate financial aid for scientific research was an early concern of the Society. Though a considerable sum of money had been spent on the establishment of the Royal Observatory at Greenwich, founded at Charles II's instigation for 'finding the longitude for perfecting navigation and astronomy', the Government refused to provide the 'Astronomical Observer' Flamsteed with the necessary instruments. A number of Fellows of the Society came to the rescue and lent him such instruments as they themselves possessed.

The fortunes of the Royal Observatory were keenly followed by the Society and in Queen Anne's reign its President and the nominees of its Council were appointed as the 'constant visitors' to direct the scientific work of the Astronomer Royal and to advise the Government on the provision and care of instruments. This link between the Society and the Royal Observatory remains unbroken, though the constitution of the Board of Visitors has been modified.

During the greater part of the eighteenth century the Society collaborated with the Admiralty on 'the problem of the longitude'. In the closing years of the previous century Halley made two voyages to study the variation of the compass. In 1749 the Society awarded the Copley Medal—its highest honour—to John Harrison, whose skill as a maker of chronometers later earned for him rich rewards from the 'Board of Longitude'. The Society took an energetic part in the preparations for observing the transits of Venus in 1761 and 1769, obtaining from the Admiralty men-of-war for the transport of the scientific observers and from the Government substantial grants for the purpose of providing instruments and maintaining personnel.

The expedition to observe the transit of Venus in 1769 was led by Lieutenant, later Captain, James Cook, R.N., who already enjoyed a high reputation for the accuracy of his survey of the St. Lawrence river in Canada. He was accompanied by the astronomer Charles Green and together they tested successfully the new system of fixing a ship's position by direct daily observations. After the observation at Tahiti of the transit of Venus Captain Cook, in accordance with his sealed orders, turned his ship, H.M.S. *Endeavour*, southward to search for 'the continental land in the South Pacific', which many sailors and scientists were convinced existed in the higher latitudes here. Cook's use of the new navigational methods enabled the *Endeavour* to shape her course with an accuracy unknown to the older school of navigators.

Though Cook himself was convinced that 'the so-much-talked-of Southern Continent' did not exist, the Admiralty with the concurrence of the Society organized two further

expeditions under Cook's leadership finally to clear up the mystery. It was during the voyage of 1772-5 that Cook was convinced that he had found a cure for scurvy—the disease which decimated and more than decimated ships' companies in the 18th century. This was the first discovery of vitamins. The Society admitted him into the Fellowship in 1776 and in the same year awarded him the Copley Medal for his account of the precautions taken to preserve the health of his men; only one of them died of scurvy during the three years' voyage.

During some of Cook's voyages he was accompanied by Sir Joseph Banks, who afterwards for more than 40 years was President of the Society. Banks was an ancestor of the late Lord Brabourne whose family still preserves Banks' diary. The Society owes much to Banks, but his long presidency must in the end have become a tyranny, for after his death it was decided that no President should remain in office in future for more than five years. In more recent times Sir Michael Foster, Professor of Physiology at Cambridge and Member of Parliament for London University, remained Secretary for a very long time and, history repeating itself, the Society afterwards adopted a standing order that no Secretary should hold office for more than 10 years. In the Society's apartments there is a famous portrait of Sir Joseph Banks, showing him with a globe of the earth. Last year by a fortunate chance this globe was found in Somerset. The Society immediately sent an agent to verify that it was the object really shown in the portrait and acquired it for £3!

I have wandered rather far from the early days, but being no historian and being without records here it would be dangerous for me to say too much. I recall, however, the early experiments made by the Society on blood transfusion and how a pint or more of blood was injected into a man. The victim chosen was 'an indigent student of divinity', who apparently was ready to earn a fee that way. He was allowed to choose the kind of blood to be pumped into him and selected sheep's blood with some reference to 'the lamb of God'. Anyhow no disaster seems to have happened and the indigent divinity student survived the ordeal. There are stories also, I know not of what substance, of how King Charles II tried to trick the Society by a question. It is said that he asked why if one filled a glass bowl to the brim with water and then put a gold fish into it the water did not run over. Apparently there was some discussion of the cause of the alleged phenomenon, but at last some follower of St. Thomas said he would like to see it for himself. No explanation was then found necessary.

One of the first Secretaries of the Society was John Wilkins, Warden of Wadham College, Oxford; later Master of Trinity College, Cambridge, and still later Bishop of Chester. Wilkins was the author of a thesis on Noah's Ark in which, accepting

completely the story in the Old Testament, he set to work to calculate the amount of food that must have been required for all the animals taken aboard that vessel. The carnivora had, of course, to live on meat and Wilkins calculated everything in wolf or sheep units. The main supply of food, if my memory serves, was hay; the sheep ate the hay and the lions, tigers and wolves ate the sheep. It is all worked out with drawings and calculations complete.

The other Secretary at the Foundation was John Oldenbourg who not having satisfactory British nationality was at one time interned when England was at war with the Netherlands—just as happened to other people in 1940. During that period a paper was published, of which he did not approve; on blood transfusion, if my memory serves. When he was let out of gaol he succeeded in recalling nearly all the copies of that paper, but one or two are still in existence as a record of his internment.

Newton, of course, was President for many years, but apparently his eminence prevented his long tenure from having the same effect as that of Joseph Banks had later. Newton was my predecessor in being Member of Parliament for Cambridge University; at the same time I believe as he held office in the Society.

The Society from its earliest days supported the view that science must be international in character. The papers of Leeuwenhoek, describing his microscopical observations on living cells, were published by the Society; and many of the early Fellows maintained a lively correspondence with foreign scientists some of whom were admitted into the Fellowship. The Foreign Membership itself was established later. In 1713 the Queen ordered 'her Ministers and Governors that go abroad' to act as the Society's correspondents and this arrangement resulted not only in the collection of a considerable body of scientific data but also in important additions to the Society's famous 'repository of rarities'. Ten years later the Council appointed an Assistant to the Secretaries to conduct foreign correspondence: he was the precursor of the Foreign Secretary, whose function it is to maintain the foreign relations of the Society.

This interest of the Society in international relations among scientific people has continued right through its history and the Society now acts to advise H.M. Government on all matters connected with international scientific congresses and gatherings, contributions to international scientific undertakings, the appointment of British members on international scientific bodies and so on. It has also always been concerned with maintaining the academic freedom of scientific men and in relieving difficulties due to international disturbances. When, for example, in 1933 academic refugees began pouring out of Germany as a result of Nazi persecution Lord Rutherford, who had earlier been President, and other Fellows of the Society,

took a very active part in founding the Academic Assistance Council in order to relieve these peoples' difficulties and distress and to enable them to continue with their work. In its early days the Academic Assistance Council had a home in the apartments of the Royal Society.

To return to earlier history, in 1750 the Society at the Government's request enquired into and found a remedy for gaol fever. Its scientific prestige did much to ensure the early passage into law of the Bill which substituted the Gregorian for the Julian Calendar (1751). It recommended Lord Baltimore and Penn to employ Mason and Dixon to settle a long standing dispute between Maryland and Pennsylvania, the result being the famous Mason-Dixon Line (1763). In 1772 it advised on the best type of lightning conductor for the protection of powder magazine, the majority, among whom was Benjamin Franklin (a Fellow of some years standing), recommended the use of the 'pointed' conductors. A protracted controversy ensued. King George III, detesting Franklin because of his championship of the cause of the American colonies, attempted to induce the Society to accept the minority recommendation of 'blunt' conductors, but the President, Sir John Pringle, reminded the King that it was not in his power 'to reverse the laws and operations of nature'. As far as the Society was concerned George III does not appear to have resented the rebuke, though he clung to his project and had 'blunt' conductors fitted to his palace. In 1784 he readily agreed to provide funds to finance a geodetic survey for the purpose of establishing a trigonometrical connection between the observatories at Greenwich and Paris in order to determine the difference of longitude. The beginning of a general survey of Great Britain was made in 1791 and the first inch-to-the-mile sheet of the Ordnance Survey maps was issued in 1801. In all this the Society played its part.

Referring back to Benjamin Franklin, it may be recalled that it was he who founded in 1743 the American Philosophical Society, the oldest learned society in America, 81 years younger than the Royal Society but obviously founded on its model. His signature occurs with others in our Charter Book and his certificate as a candidate for election always attracts American visitors when we show it at the soirees of the Society.

The Society has many records of its earlier days, including the manuscript of Newton's *Principia*, a number of his instruments, his death mask, lockets of his hair and other objects connected with him. It has also in its library the great collection of books given to it in its very early days, known as the Arundel Collection. Among these are some supremely beautiful volumes representing the earliest efforts in printing. Our library has never been really tackled by a librarian of the modern school and during the turn-out which we have been forced to make

since the war began, in order to put our valuables in safety, we have come upon a number of records, letters, etc., of the greatest interest. We intend as soon as conditions allow to make a considerable effort to ensure that our library is properly surveyed and its treasures recorded and made known. If there be any Americans in my audience today they may like to know that two years ago we found a letter from Cotton Mather of Massachusetts, thanking the President for his election. I think he must have been our earliest Fellow in the American Continent. He is said to have introduced vaccination for small-pox into America away back in the 17th or early 18th century (my memory may be at fault as to the exact time). He is certainly unique in one fact that he was the only Fellow of the Royal Society of whom it is recorded that he took a personal and active part in the burning of witches.

The library is unique in one respect: it is probably the most complete library in the world of the proceedings and transactions of learned societies, bodies and institutions. That provides it with a special rôle and we have many irreplaceable sets of journals of the other learned bodies. The value of these and of our other possessions made it necessary for us, when war came, to remove them from danger away from London, and the contents of the library have been stored either in Wales or more particularly in the very strong and safe Bodleian Library at Oxford. We have also an invaluable collection of portraits of scientific men including those of nearly all our Presidents. These also have been removed to a safe place. Some damage may result from the movement, but we should not have been justified in keeping them where they might so easily have been completely destroyed. Two and a half years ago, in fact, a very large German mine fell within 100 yards of the Royal Society's premises and many smaller ones have fallen near.

The Society has always rigorously held to the view that its function was in relation to *natural* knowledge, and it has consistently refused to consider as coming within its scope the other branches of knowledge which are dealt with by such a Society as yours. This has probably been wise, and it is certainly wise today when knowledge in all fields is growing so rapidly. At the end of the nineteenth century a strong movement was evident to get the Society to take literature, philosophy, the humanities and the social sciences also under its wings. This was resisted, and the Society took the initiative in obtaining a Royal Charter for the newly founded British Academy which was planned to do for those other subjects what the Royal Society has done for natural sciences. The British Academy has not yet achieved the position people then hoped, though it is a body of great distinction in its membership. I feel myself that it has not sufficiently realized the great need for a body of its standing to take the same active part in forwarding the interests of the

other forms of knowledge as the Royal Society has taken in respect of science.

I have several times spoken of what the Society has done in advising the Government on scientific matters, but the expression is not strictly accurate. The Society advertises in every volume of its transactions a statement to the effect that the Society as a body never expresses an opinion on any matter of art or science which is brought before it. It is always ready to nominate an expert committee to advise, but the advice is given by the committee and not by the Society as a whole. Nor in publishing a paper does it express any opinion as to the validity of the results claimed. When a paper is received, communicated by a Fellow, it is submitted to referees: if they agree that it should be published it goes to the printer, if they do not, after various precautions it is rejected or withdrawn. Often the referees have suggestions for modification. No doubt the Society, or rather its referees and its officers, occasionally make mistakes, but on the whole justice is done and a high standard is maintained in the Society's publications. Some years ago an author demanded to have his paper published without being considered by referees and I was forced to remind him that if God Almighty happened to submit a paper for publication it would go to referees in the usual way. He sent it elsewhere.

The Society's public activities in the nineteenth century covered a wide field. It impressed on the Admiralty the desirability of fitting out expeditions for polar exploration (1818-19). The geographical results obtained in 1818-19 were disappointing, but the magnetic observations of Edward Sabine, one of the Society's scientific observers, were of the greatest importance. Sabine played a leading part in laying the foundations of the science of terrestrial magnetism, which occupied the attention of the Society during the first half of the nineteenth century. Supported by the British Association it successfully persuaded the Government to finance the establishment of magnetic observatories at Greenwich and in other centres of the British Empire and during the 1840's and 50's a number of magnetic expeditions were sent out to various parts of the world in order to obtain the data for 'a magnetic map of the globe'.

Other subjects in which the Society co-operated during the nineteenth century were these: the causes of an explosion at the Westminster Gas Works; the operation of gas undertakings with special regard to public safety; measuring the tonnage of ships; the use of coal tar and copper sheathing for men-of-war; the desirability of the Treasury financing Babbage's machine for calculating and printing mathematical tables. The Society also took a prominent part in the movement which, at the beginning of the twentieth century, led to the establishment of the National Physical Laboratory, over the work of which the President and Council—through an Executive Committee

appointed by them—still exercise considerable control. All appointments to the three Government Research Councils (Scientific and Industrial, Medical and Agricultural) founded since 1914 have now to be approved by the President.

Many learned societies regard election as a kind of prize for services rendered, or a consolation prize for old age. That has never been the view of the Royal Society. The purpose in election has always been to get men in the prime of life, who by their active work, influence and interest can forward the objectives which the Society has at heart. The average age of some academics makes them useless for active work and initiative. In the Royal Society some groups are elected younger than others, but in the mathematical and physical groups the median age of election is under 40 and elections in the early thirties are frequent. The view always is that if a man is obviously worthy of election for his intellectual eminence and scientific achievement he should be elected now. Of our present 21 elections per annum, one is in the special category by which men of eminence in public affairs or distinguished in other branches of knowledge may be brought in, on the grounds that they 'either have rendered conspicuous service to the cause of science or are such that their election would be of signal benefit to the society'. Of the remaining 20, two annually are intended to be elected from among scientific men who by their work and influence as heads of big scientific undertakings, etc., have forwarded scientific knowledge otherwise than directly by their own hands. The remainder are now elected for the most part from among professional scientific men: though the first-class amateur is equally eligible.

I have said 'scientific men' and before the passing of the Sex Disqualifications Removal Act it would have been impossible, without an Act of Parliament to change the Charter, to have elected women. By that Act, however, it is now the case that 'man' includes 'woman', so that women are eligible for election. Their candidature requires only—as with men—that six Fellows should propose their names in writing. This year, for the first time, women have been proposed and one may hope that in future women will be regarded as normally eligible. There are not many women at present of the required scientific standing, but almost certainly there are some, and there is surely no reason for excluding them.

Although its title is the Royal Society of London the Society is in effect an imperial scientific body, with connections throughout the various countries of the British Commonwealth. Those connections have been greatly strengthened in recent years partly by the election of an increasing number of Fellows outside the United Kingdom and partly owing to the presence in London during the war of a large number of scientific people from the Dominions. In 1941 the Society took advantage of their

presence there to found a British Commonwealth Science Committee, which during the following 18 months held frequent meetings and discussed future collaboration in science between the different parts of the Empire. It issued its report last spring. Of the present Fellows of the Society totalling now about 450 some 10 per cent are normally resident in other countries of the Empire, though many resident now in Great Britain had their original homes in those other countries.

The connections of the Royal Society with other countries also are considerably, not least through its foreign members among whom are the most distinguished scientific men in all parts of the world. Their number is limited by statute at present to 50, though many Fellows of the Society feel that with the recent great growth in science throughout the world this number could properly be considerably increased. Foreign members are Fellows in all respects except that they do not pay subscriptions and may not vote; and the Society always hopes that they may take part in its affairs. The connection of the Royal Society with the National Academy of Science in Washington is rather close. Most of the foreign members of the National Academy are either Fellows or foreign members of the Royal Society, and more than one-third of the Royal Society's foreign members live in the U.S.A. Moreover, a few years ago the National Academy and the Royal Society arranged a plan by which in alternate years the Academy invited a Fellow of the Society to come and lecture in Washington and the Society invited a member of the National Academy to come and lecture in London. The Pilgrim Trust provided the financial means for implementing this project, which as time goes on will prove increasingly valuable to both sides. If there were in India a single national scientific body generally admitted and accepted as the National Academy of Science, the Royal Society, I am sure, would be proud and glad to collaborate with it as it does with the corresponding academies in other countries.

In 1938, a few months before the Munich crisis, the Council of the Royal Society asked its President to approach the Prime Minister of that time, Mr. Neville Chamberlain, calling his attention to two great national needs in the scientific field, in case of a national emergency which seemed then to be imminent:—

- (1) of some kind of register of scientific people by which the national services could be fed with appropriate scientific personnel;
- (2) of some kind of scientific committee to advise the Government at a high level on general scientific policy.

That was still in the days of 'appeasement' and before the need of science in the national machinery was so well recognized

as today—and nothing was done. Unfortunately in public affairs one cannot get anything done by merely saying it once. One has to go on saying it day after day until people are sick and tired of it. That is why scientific people, who like saying a thing clearly and precisely once only and leaving others to judge the validity of their claim, are often so averse to taking part in public and political affairs: indeed those scientific men who go round advertising their own wares are generally looked at askance by their colleagues. In the matter, however, of applying science to public affairs the national safety and prosperity require that one *should* go on saying the same thing over and over again until one is heard, and in the two respects just mentioned the Officers of the Royal Society and their colleagues continued to follow the matter up until both objects were finally secured.

In January 1939 the Central Register of the Ministry of Labour and National Service was instituted, by which professional, technical and scientific personnel were brought into a single organized plan to make them available if and when the emergency arrived. The Royal Society organized and carried out the construction of the part of the Central Register dealing with scientific people, with much help from other societies and institutions. Finally this was handed over to the Ministry of Labour by which it is now worked. May I here incidentally remark that one of the needs of India, now that the war will be passing eastward and in view of the great technical developments likely to occur in India in the future, is for a similar register by which the available scientific and technical talent may be made more fully and quickly available.

In the other matter, that of the scientific policy committee, nothing happened till the autumn of 1940, when the War Cabinet Scientific Advisory Committee was set up under Lord Hankey as Chairman, working under the general guidance of the Lord President of the Council. This Committee has had a considerable quiet influence in scientific developments and in helping to guide the Government scientific policy: its members are the three principal officers of the Royal Society and the three Secretaries of the Research Councils (D.S.I.R., M.R.C., A.R.C.). These two major changes, probably of permanent value in our national scientific 'set-up', arose directly through the intervention of the Royal Society and probably would not have arisen—at any rate so quickly—in any other way. This result is in accord with the historical function of the Royal Society in relation to the Government of the United Kingdom.

Another activity of the Society, again in accord with our traditional interest in international relations, arose after the sudden internment of all 'enemy' aliens in Great Britain during the summer of 1940. Among those who were thus interned were a number of able scientific people, nominally enemies, but

in fact for the most part devoted to our cause. The President of that time, Sir William Bragg, took the initiative in approaching the Home Office, and after some palaver (aided, I admit, by Questions in the House on the part of the Secretary!) the Home Office agreed to consider applications from the Royal Society for the release from internment of people with scientific attainments whose work could be valuable in one way or another to the Country. Other bodies followed suit for people in other fields of activity. Under this plan some hundreds of scientific refugees were released from internment and the Royal Society (and the Society for the Protection of Science and Learning which aided it) made many friends and got much gratitude from those whom in this way it had the privilege to aid.

One of the satisfactions of being, as I am, an Officer of the Royal Society is the unlimited friendly help one can always get from Fellows. The Society is small enough in members to be a family and most of the Fellows are eminent enough to be comparatively well known. On the Council at any time there will always be some who have personal knowledge of any Fellow named. In a family it is customary for members to help one another and that is the Character of the Society. As Secretary, I have continually had to ask help from Fellows—help often involving strenuous work of various kinds, invariably and cheerfully given. That is the virtue of a small Society of limited membership but of very high standards in election.

The functions of the Royal Society and of the British Association are quite different but complementary. They represent the two different principles required in Government and Society, that of aristocracy and that of democracy. By aristocracy is meant not what the word commonly means today—inherited wealth and opportunity—but the existence of power in the hands of the best people. In Science we know and everyone admits that one Newton, one Maxwell or one Rutherford (to take the field of physics only) is worth—scientifically speaking—ten thousand ordinary men: and it is in the frank recognition of this principle that the Royal Society maintains the highest possible standards in its annual elections. Its influence is in that sense 'aristocratic', representing the aristocracy of high intellect and attainments. The democratic idea, however, is equally important and the British Association and its corresponding bodies, such as the American Association for the Advancement of Science, or the Indian Science Congress Association, with their wide membership, have an equally important function to fulfil. In Science as in a social community the twin ideas of a true aristocracy and a genuine democracy must be combined if we are to produce an efficient, or even a workable, system.

The Royal Society has considerable funds of its own and these seem likely to increase as time goes on. Our invested funds amount at present to about one million pounds, a large

part of which are research funds for specific subjects. These funds are expended, on the advice of various committees, largely in maintaining research professors, fellows and students, but also for general purposes. The Society would like a much more spacious home than its present one, and I gather that the President in his Anniversary Address on the 30th of November last emphasized—apparently with some public approval—the need for better accommodation and premises. In Washington the National Academy of Science has a noble home on Constitution Avenue. Your National Academy of Science in India must find a home some day on Kingsway at New Delhi. It is well to treat Science with dignity, as learning in general is treated in the noble universities that we see in many countries including India. After all what is more dignified in the world than learning and knowledge—except perhaps courage and self-sacrifice!

I have talked more about the abnormal activities of the Society in times of emergency and less about its normal activities in time of peace. That perhaps is because five years of my own Secretaryship, out of the eight I have served, have been times of emergency. In ordinary times we have a variety of functions: the publication of scientific papers; the reading and discussion of scientific communications; the maintenance of a library; the distribution of funds for research, publication and the relief of distress among scientific people and their relatives; the appointment of committees to deal with a variety of subjects—oceanography, expeditions, marine biology, meteorology, neurology, international relations, medical research, tropical diseases, science in the Pacific regions, engineering and physical research, the National Physical Laboratory, eclipses, mining and a great variety of other subjects.

The Society also nominates representatives on a number of public or private institutions and so sees that Science is represented in important national or cultural interests—for example, in the British Museum, the Meteorological Office, various universities and great public schools, various research institutions, bodies and associations, several Government Departments and so on. When an international scientific occasion occurs, or when some foreign academy organizes a celebration, it is the Royal Society which sends delegates and an address to it. It also awards Medals for great services to science. The greatest scientific distinction in the world is that of the Copley Medal which is awarded 'to the living author of such philosophical research as may appear to the Council to be most deserving of that honour: no limitation being imposed either of the time within which the research was made or of the particular country to which its author may belong'.

Well, I have told enough about the Royal Society's multifarious activities and something of its past. There was a time when the Royal Society was the only learned society in the

United Kingdom: now there are a multitude of others. That, however, does not take away from, but rather enriches, the life and activities of the Royal Society itself. It is able to act as an elder brother or sister of these newer bodies and a large family is always more interesting—if more noisy—than a small one. It is perhaps in this rôle of elder brother or sister to all these other societies that the Royal Society today finds its most pleasant and natural rôle. That is a rôle which the Royal Asiatic Society of Bengal also gacefully fulfils: all honour to its founder today!

OFFICERS AND MEMBERS OF COUNCIL.

ROYAL ASIATIC SOCIETY OF BENGAL, 1944.

*Elected and announced in the Annual Meeting,
7th February, 1944.*

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Barrister-at-Law.

Vice-Presidents.

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Dr. S. C. Law, M.A., B.L., Ph.D., F.Z.S., M.B.O.U., F.N.I.

The Hon'ble Mr. Justice N. G. A. Edgley, M.A., I.C.S.,
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Dr. R. C. Majumdar, M.A., Ph.D., F.R.A.S.B.

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L. R. Fawcus, Esq., C.I.E., I.C.S.

Percy Brown, Esq., M.B.E., A.R.C.A., F.R.A.S.B.

Dr. Mohammad Ishaque, M.A., B.Sc., Ph.D.

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K. P. Khaitan, Esq., M.A., B.L., Barrister-at-Law.

EXHIBITION ANNUAL MEETING.

LIST OF EXHIBITS SHOWN AT THE ANNUAL MEETING OF THE
ROYAL ASIATIC SOCIETY OF BENGAL ON THE
7TH, FEBRUARY, 1944.

1. S. P. AGHARKAR.

(1) *Balanophoraceae*.

The Balanophoras are low, fleshy, leafless or scaly, brown, reddish or yellowish root parasites found in the forests of the tropics or subtropics.

Three species occurring in India are exhibited. They are: (1) *Balanophora dioica* Brown. from the Khasi Hills; (2) *B. indica* Wall. from Kodaikanal (Pulney Hills); and (3) *B. polyandra* Griff. from Sikkim.

(2) *Arceuthobium minutissimum* (Fam. Loranthaceae).

Considered to be the most minute dicotyledonous plant. The Arceuthobia are minute green leafless parasites, with the leaves reduced to opposite scales in which the very minute ebracteate flowers are sunk. There is no stem in the species exhibited, but the inconspicuous stock ramifies within the bark and which the minute branches perforate but scarcely rise above the surface, appearing as a 2 lipped cup; the male flower sessile in the cup, 3-5 partite, the female flower pedicelled. Found on trees of *Pinus excelsa* from Kumaon Himalayas and westwards to Kashmir and Nepal about 10,000'.

(3) *Himalayan Podostemonaceae*.

Podostemonaceae are a group of aquatic plants, growing on stones in rapidly flowing tropical streams, annual or perennial, many species of which are known from India. Until recently their presence from the Himalayas has not been recorded.

The exhibit shows species collected from Almora and from Sikkim.

2. PERCY BROWN.

- (1) *An exact replica in bronze of the statuette of Dionysus, the so-called 'Narcissus listening to the Echo'; the original is in the National Museum of Naples, and was discovered during the excavations at Herculaneum. As to its date it may well be one of the better examples of the survival of the Hellenistic tradition in works made during the Roman Period, i.e. previous to A.D. 79.*

As many of the institutions of Naples were destroyed by the Germans when they evacuated the city last year, it is possible that amongst these was the National Museum, in which case the unique collection of bronzes forming the archaeological collections has perished. This excellent replica in metal therefore has an added value since this wanton act of desecration may have been perpetrated.

- (2) *An example of modern wood-carving by a craftsman from Orissa—S. Mahapatra of Puri. The subject is Krishna and Radha.*
- (3) *Metal figure of the Buddha, probably from Siam previous to Sinhalese influence.*
- (4) *Copy in colours of a fresco from the National Museum at Naples of a figure known as 'Flora', from the ancient town of Stabiae at the eastern extremity of the Gulf of Naples. Period of Augustus (63 B.C.—A.D. 14).*

3. GEOLOGICAL SURVEY OF INDIA.

Specimens of galena, zinc-blende, sulphur, wolfram, mica, beryl, tantalite and thenardite.

The exhibits displayed are of minerals produced or prospected by the Geological Survey of India to help in the War effort. Particular efforts have been made to locate and develop those minerals which were urgently needed after the loss of Burma, or which could not easily be imported owing to difficulties of sea transport.

(1) *Lead and Zinc.*

Lead and zinc ores were worked around Zawar in Mewar State, Rajputana, for about 400 years. The mining ceased in the early part of the 19th century, but the reason for this is uncertain. Depredations by the Bhils is the usual reason given. This may have been the cause, but it is difficult to believe that the Maharana would not subsequently have opened valuable mines which for centuries had provided him with the sinews of war for his battles against the Moghuls and Mahrattas if there had been any prospect of their still yielding him a good revenue. Probably the value of lead, silver and zinc fell considerably in the early 19th century, and the mines by that date had reached a depth (about 300 feet) where further working without any machinery or explosives was considered to be too difficult.

The ancient village of Zawar is now in ruins. Little remains except the ancient temples built of marble, and the great heaps of earthenware pots in which the miners are reputed to have smelted zinc. Nearby great mounds of black slag show where some mineral, probably lead, was formerly smelted. In the ores now worked the percentage of silver is small, but the present Maharana is determined that silver was the chief product of the mines in ancient days. The abundance of silver necklaces of antique pattern worn by the Bhils in this region supports his view, and indeed it is very probable that the surface ores did contain this mineral in much larger amounts than are found now.

The present operations are still in the prospecting stage. So far they have shown a huge quantity of ore with 4% zinc, and a small amount of ore containing 8% zinc and 2% lead. It is hoped, however, that much larger amounts of the richer ores will be found in the course of prospecting.

(2) *Sulphur.*

Before the War India's requirements of sulphur, for the manufacture of sulphuric acid and for use in sugar refining, were obtained mainly from Italy and Japan.

It had long been known that sulphur occurred on the volcanic mountain of Koh-i-Sultan on the borders of Baluchistan and Persia, but it was not until the end of 1940 that it was shown by the Geological Survey of India that the quantity of sulphur was considerable. Mining was begun towards the end of 1941, and up to the end of 1943 over 30,000 tons of sulphur ore, containing over 15,000 tons of free sulphur, had been despatched by rail to India.

(3) *Wolfram.*

With the loss of Burma and Malaya it became imperative to try and locate sources of wolfram in India. The wolfram of Chhendapathar, in the Bankura district of Bengal, though known for many years, was never worked until the middle of 1942, when the Geological Survey of India prospected the area. The ore occurs in quartz veins in schist, but mineralization is sporadic. Up to the end of 1943 about 46 tons had been produced. Most of this has been sent to Tatanagar for the manufacture of ferro-tungsten.

(4) *Mica.*

About 80% of the world's requirements of good quality sheet mica (without which the War could not be fought) is supplied from Bihar. Smaller quantities are also mined in Rajputana and Madras (Nellore). The Geological Survey of India has helped in the production of mica from these three areas, and has its own mine and factory in Bihar.

The exhibits show the mica as it occurs naturally in the pegmatite, and the finished product as it leaves the skilled hands of the Bihari cutters and sorters.

(5) *Beryl.*

Beryllium has of late become of increasing importance in the manufacture of beryllium-copper alloys. The ability of this alloy to stand high stress has made it of particular value in the manufacture of springs, while it is also used for making non-sparking tools.

Beryl is widely distributed in the mica-bearing pegmatites of Rajputana, Bihar and Madras, and sometimes huge crystals one or two feet in diameter and several yards long are found.

It has been collected from these three areas by the Geological Survey of India for shipment to the U.S.A.

(6) *Tantalite.*

Tantalite, columbite and samarskite are rare minerals of closely related composition. The metal tantalum offers great resistance to corrosive acids, and is used in radio valves and for rectifying apparatus for the conversion of alternating into direct current.

These rare minerals have been found in small quantities in Madras, Bihar and Mysore, and particularly in Rajputana, usually in association with mica-bearing pegmatites. So far about $1\frac{1}{2}$ tons have been collected.

(7) *Thenardite (Sodium sulphate).*

Formerly nearly 2,000 tons were imported into India from Japan and Europe. It has now been found as a bed under the salt pans at Didwana, Jodhpur State, where it has probably accumulated over a period of at least 150 years. It is estimated that there are 250,000 tons, and it has now replaced all imported sulphate.

4. **KENNETH HALL.**

Aluminium in India.

The sample aluminium ingot exhibited is from the first aluminium to be made in India, and was produced on the 6th March, 1943, at the Aluminium Reduction Works of the Aluminium Production Company of India Limited in Travancore State. Since that date, these Works have been in full commercial production of virgin aluminium ingot.

The sample of aluminium sheet exhibited was rolled from aluminium produced in India at the Belur Rolling Mills of the same Company, which have been in commercial operation since August 1941, and which are at present engaged in rolling aluminium sheet for aircraft and other War requirements. These Rolling Mills are now being expanded for the production of strong alloy (duralumin) sheet.

India possesses ample resources of the ore of aluminium—bauxite—large deposits being found in Bihar, the Central Provinces and Bombay Presidency. The first stage in the production of aluminium consists of the crushing, calcining and chemical treatment of the ore, thereby eliminating impurities such as silica, ferric oxide, etc., and extracting the pure aluminium oxide, or alumina. The second stage is an electrolytic process, in which electric current is passed through a bath of molten cryolite, into which alumina is fed and reduced to aluminium and oxygen, the molten aluminium collecting at the bottom of the bath and being drawn off at intervals to be cast into ingots.

The reduction process requires large amounts of electric power, the availability of which is a prime factor in the establishment of an aluminium industry. In the case of the Alupuram Reduction Works, power is supplied from the Travancore State Hydro-Electric Scheme. In producing 1 lb. of aluminium, approximately 4 lbs. of bauxite, 3/4 lbs. of carbon electrode and 10 kilowatt-hours of electricity are consumed.

India is now producing its own supplies of aluminium, and has ample resources of bauxite ore and of electric power. Further expansion of this production is already planned and provided for. Modern Rolling Mills are busy rolling this aluminium into sheet—the principal form in which it is used by the fabricator. Large fabricating plants exist in the principal cities, formerly mainly engaged in utensil manufacture, but now fabricating aluminium for its manifold wartime uses. The return of peace, with increasing industrialization, will bring in its train the extensive use in this country of aluminium in the home, in transportation, in industry and in architecture—in short, wherever a metal possessing strength with lightness and a pleasing finish can be effectively used.

5. **T. N. RAMACHANDRAN.**

Terracotta Figures from Ghosi, District Azamgarh, U.P.

Within the last forty years Indian terracottas of early date have been found at many important sites, such as Mohenjodaro, Harappa,

Pataliputra, Kosam, Bhita, Sankisa, Basarh, Besnagar, Nagari, Buxar, Lauriya-Nandangarh and recently at Ghosi. An important series found by Pandit Rameshwar Dayal, Deputy Magistrate, near Ghosi, District Azamgarh, U.P., in an extensive and high mound, forty to fifty feet in height and about 117 *bighas* in area are now on display. There are also indications that the place must have been a large settlement representing many periods. Bricks of Maurya and Gupta periods and beads, coins, etc., were also found at this site.

The collection is large and consists for the most part of figurines, both human and animal, the former easily constituting the majority. Among human figurines, it is the female that is dominating and most interesting, being of different types. Animal figurines include heads of the ram and elephant that had apparently formed parts of toy-chariots as elsewhere. The animal figures bear also the stamping of designs such as wheel, leaf, etc., on their body. Human figurines include many of high antiquity comparable in some respects with the Indus Valley terracottas, others of Maurya and Sunga date, and others still later, Kushana and Gupta; while a few bearing sculptural tendencies have to be assigned a later Gupta or even mediaeval date. Thus at least six types can be made out belonging to six different periods and the site may very well be taken to represent or form part of a large settlement spreading over many periods.

6. ROYAL BOTANIC GARDEN, CALCUTTA.

(1) *Acacia sphaerocephala* Cham. and Schlecht, Mexico.

Myrmecophilous plant with Muller's gland.

(2) *Utricularia stellaris* Linn., India.

The minute submerged bladders serve as trap for microscopic aquatic animal organisms.

(3) *Nepenthes khasiana* Hook., Himl.

The pitcher plant with adaptation for catching insects.

(4) *Zamia floridana* A.DC., Ins. Bham. Cycadaceae with cones.

(5) *Vitex peduncularis* Wall., Ind. & Bur.

The well-known medicinal plant, used for curing black-water fever.

(6) *Alstonia scholaris* R.Br., Geront. trop.

Bark suggested for using with quinine in the treatment of malaria.

(7) *Cyperus Papyrus* Linn., Afr.

A well-known plant for paper manufacture.

(8) *Mammillaria tenuis* DC., Mexi.

Succulent cactus.

(9) *Mammillaria serpentina*, Mexico.

Succulent cactus.

(10) *Adiantum tenerum* var. *Farleyense*, West Ind.

A Royal Botanic Garden hybrid.

(11) *Victoria regia* Lindl., Brazil.

The famous Amazon lily in flower.

7. A. K. M. ZAKARIAH.

(1) *Holy Quran*.

This 'Holy Quran' is the acquisition of the exhibitor. It was written about three centuries ago by one of his ancestors and since then it is the acquisition of his family—an ancient and very respectable Moslem family of West Bengal, in the District of Murshidabad. The family have got the 'Sanads' (Royal Charter) granted by the Great Mughals, in their possession still bearing the Imperial Seals of Emperor 'Auranzeb-Alamghir-Gazi-Badshah', as well as bearing the Royal Seals of the independent Rulers of Bengal, in recognition of the services (educational) rendered by its members of those times. The family have got a 'Kursinama' (genealogical tree) bearing Royal Seals.

This book shows a superb piece of calligraphy, testifying not only to the copyist's wonderful patience, but also to his love of the Great Holy Book.

The original covers of the book were all eaten up by worms and repairing has been done in May 1943.

(2) *Photograph of Taj-Mahal*.

This photograph is a new study of the Taj-Mahal by an amateur Hawaiian photographer, Mr. C. F. Fraser (U.S.A.). This snap was taken in January, 1939, at Agra and it was developed and enlarged at Honolulu and a copy was sent to the exhibitor.

(3) *Photograph of Hawaiian Fisherman with his net*.

This is another photograph taken and done by Mr. C. F. Fraser, the amateur photographer of the Hawaii (U.S.A.).

8. ROYAL ASIATIC SOCIETY OF BENGAL.

I. *Library*.

The majority of the rare and valuable possessions of the Library had been sent out on account of the emergency conditions and the items exhibited are merely illustrative, and not exhaustive, of the rich and varied collections which have been built up during the past 160 years.

A. *General Section*.

Journal—Sir William Jones, the Founder of the Society, contemplated the publication of a volume of 'Asiatick Miscellany' every year, but no attempt was made to get out such a periodical during the first three years of the Society's career. The Society having no funds of its own at the time, Mr. Manuel Cantopher of the Hon. East India Company's Printing Office undertook such a publication as a private speculation and the first volume was brought out in 1788

under the name 'Asiatick Researches', instead of what the Founder had originally suggested. By 1797 five volumes came out and the work created such a sensation in the literary world that editions of it were brought out in different countries of Europe. Looking to the rapid and profitable sale which the first five volumes met with the idea was taken up by the Society in 1798 to bring out the 'Researches' on its own account. This publication ceased after the 20th volume in 1839 and the Society formally dropped it in 1842.

The form of the 'Asiatick Researches' was not suitable for short notes on new and important discoveries and ideas, which were necessarily left out, however interesting these notes might be. For a time these found place in the 'Quarterly Oriental Journal', which Dr. Wilson started in 1821, and in the 'Transactions of the Medical and Physical Society'. Both the publications were, however, dropped in 1827.

A substitute for these was provided in 1829 by J. D. Herbert in a monthly publication, which he started under the name of 'Gleanings in Science'. The Society benefitted by this publication so far that a precis of its monthly Proceedings, which had heretofore been preserved in MSS., was regularly published in this Journal.

In 1830 when J. D. Herbert left Calcutta, James Prinsep, instead of dropping the publication, proposed to change its name and call it 'The Journal of the Asiatic Society'. The sanction was given in March 1832, and the first issue of the Journal appeared under the caption of 'Journal of the Asiatic Society of Bengal'.

This Journal superseded the 'Researches'. In 1842 the 'Researches' was finally dropped and the 'Journal of the Asiatic Society of Bengal' was officially taken over by the Society.

From 1832 to date the Journal has been covered by three series:—

First Series—1832 to 1904.

Second Series—1905 to 1934.

Third Series—1935—(in progress).

Old and rare printed works.

1. Barthelemy. Travels of Anacharsis the Younger in Greece during the middle of the fourth century before the Christian era. 8 vols. London, 1791.

2. Astley, Thomas. A New General Collection of Voyages and Travels consisting of the most esteemed relations which have been hitherto published in any language comprehending everything remarkable in its kind in Europe, Asia, Africa and America. 4 vols. London, 1745.

3. Dirom. A Narrative of the campaign in India which terminated the war with Tipoo Sultan in 1792. London, 1793. An authentic account by an officer who took part in the operations.

4. Astley, Thomas. The Origin and Progress of writing . . . also some account of the origin and progress of printing. Second edition. London, 1803.

5. Halhead, N.B. A Grammar of the Bengali Language. Hooghly, 1778.

6. Pignorius, Laurentius. Characteres Aegyptii. Francofurti, 1608.

7. Asiatic Annual Register or a view of the History of Hindusthan and of the politics, commerce and literature of Asia. 1799–1811.

8. Ainslie, Whitelaw. Materia Medica of Hindoostan and Artisan's and Agriculturist's nomenclature. Madras, 1813.

9. Bartholomaeo, Paulinus. Systema Brahmanicum. Romae, 1791.

10. Marci Pauli Venetii. De Regionibus Orientalibus . . .
Haithoni Armeni. Historia Orientalis . . . Coloniae Branden-
burgicae, 1671.
11. Nicolas de Nicolay. Les Navigations Peregrinations et voyages,
faits en la Turquie. Paris, 1577.
12. Catrou. History of the Mogul dynasty in India . . . founded
on the Memoirs of Signor Manouchi, a Venetian, forty-eight years
Physician in the service of the Imperial Family, at the Court of
Delhi and Agra. London, 1826.
13. Agop. Grammatica Latina, etc. Romae, 1675.
14. Buxtor, Johannis. Lexicon Chaldaicum, Talmudicum et
Rabbinicum. Basiliae, 1639-40.
15. The Ramayuna of Valmeeki in the original Sungskrit, with a
prose translation and explanatory notes by William Carey and
Joshua Marshman. Serampore (1806-1810).
16. Ancient Accounts of India and China by two Mohammedan
travellers who went to those parts in the ninth century; translated
from the Arabic by Eusebius Renaudot. London, 1733.

Manuscript works.

17. Vāyu Purāṇa. Translated by Horace Hayman Wilson.
18. Memoir on the Delhi Empire and Court, written by Antoine
Louis Henri Polier, a Swiss Engineer Major, who spent some time in
India in the seventies of the eighteenth century in the service of the
East India Company and of the then Emperor of Delhi. This
manuscript gives a very true description of and is far more detailed
about the Court intrigues than any Persian or Marathi account.
19. Memoir on the Climate, Soil, Products and Husbandry of
Afghanistan and the neighbouring countries; probably by Lt. Irvine.
20. Report on Caubul, probably by Elphinstone.
21. Memoir of a Map of Caubul, probably by Lt. Macartney.
22. Studies on Miscellaneous topics:—
 - (a) Biographical sketch of Lieutenant-Colonel William Lambton,
F.R.S., Superintendent of the Grand Trigonometrical
Survey of India, by John Warren, Assistant to Lieut.-
Colonel Lambton, 1823.
 - (b) On the building stones of Akbarabad, by H. Voysey (*As. Res.*,
Vol. XV, 1825).
 - (c) The Benares Communications, by William Cracroft and James
Prinsep. (*As. Res.*, Vol. XV).
 - (d) Geology of Bundelkhund and Jubbulpore, by J. Adam.
 - (e) Course and Levels of the river Sutty and Sutoodra, by Captain
J. D. Herbert. (*As. Res.*, Vol. XV, 1825).
23. Index of Rungpore words, by Buchanan.
24. Index of Dinagepore words, by Buchanan.

B. Sanskrit Section.

1. R̥gveda: Aṣṭaka VI (No. I.M. 10190). Country-made paper.
Nāgarī. *Samvat* 1536/1478 A.D. Such early manuscripts of the
Veda are extremely rare.
2. Viṣṇupurāṇa: Arṇśas I-IV (No. I.M. 6685). Country-made
paper. Nāgarī. No date. *Circa* 13th-14th centuries A.D. Such
early MSS. of the Purāṇa are very rare.
3. Nīlamatapurāṇa, dealing with the holy sites in Kāśmīra
(No. I.M. 1556). Kasmiri paper. Sāradā. No date.
4. Sāradātīlakaṭikā entitled Sampradāyadyotini: Paṭala I

(No. I.M. 8633), by Paramahansa Parivrājaka Gopālāśrama. Country-made paper. Nāgarī. No date. *This commentary is otherwise unknown.*

5. Rasadīpikā (No. I.M. 3622), an important work on Chemistry by Ānandānubhava Yogin. Country-made paper. Nāgarī. *Samvat* 1462/1404 A.D.

6. Meghadūta (No. I.M. 10001) 'The Cloud Messenger', by Kālidāsa. Country-made paper. Nāgarī. *Samvat* 1548/1490 A.D. Manuscripts of this celebrated poem of such an early date are extremely rare.

7. Mālavikāgnimitram (No. I.M. 3496), by Kālidāsa. Country-made paper. Nāgarī. *Samvat* 1558/1500 A.D. Such early MSS. are very rare.

8. Saptapadārthi (No. III. F. 16), a work on Vaiśeṣika philosophy, by Śivāditya. Country-made paper. Nāgarī. *Samvat* 1458/1400 A.D. Such early MSS. are rare.

9. Several manuscripts on Śivadharmā (No. G. 4077). Palm leaf. Old Newari. No date: *circa* 12th century A.D. With illuminations on the insides of the wooden covers.

10. Bṛhat-Svacchanda-mahābhairava-tantra (No. G. 11308). Teret leaf. Proto-Bengali. No date: *circa* 11th century A.D. The work is otherwise unknown.

11. Gurudakṣiṇā (No. G. 4893), by Śyāmadaśa. Country-made paper. Bengali. B.S. 1112/1706 A.D.

12. Gaṇapātha (No. III. A. 174A). Sola pith. Bengali. B.S. 1157/1751 A.D.

13. Kāvya-prakāśaviveka (No. G. 4738), by Śrīdhara Ṭhakkura. Palm leaf (last folio only). Maithilī. L.S. 291/1409 A.D.

14. Māghamāhātmya (No. G. 5624), by Kṛṣṇadeva. Palm leaf. Uḍiyā. No date: *circa* 19th century A.D.

15. Bhaktipradīpa (No. G. 5378) in Assamese, by Kṛṣṇakīṅkara. Birch-bark. Old Assamese. Saka 1563/1641 A.D.

16. Viveka-pañcāmṛta (No. I.M. 5864). An exposition in Hindi of the five sūtras: (1) Nandikeśvara, (2) Kapila, (3) Patañjali, (4) Brahma, and (5) Sāṅdilya. Country-made paper. Nāgarī. *Samvat* 1852/1794 A.D. With six illustrations in a style reminiscent of a mixture of the late Mughal and Rajput schools.

17. Yantrendra-prakāśa (No. I.M. 3733), by Maheśvara. An interesting work on astronomy blended with Tantric mysticism. Country-made paper. Nāgarī. No date: *circa* 17th century A.D. With fine illustrations of the signs of the Zodiac, etc.

18. Yogavaiśiṣṭhasāra and several other stray works (No. 5865). Country-made paper. Nāgarī. No date: *circa* 18th century A.D. With six miniature illustrations.

19. Kammava Pali-daw (No. Bur. 58). Gold lacquered leaves. Burmese script.

20. Rāmāyaṇa (No. Bur. 123) in picture (abridged), according to the Burmese version. Burmese paper. Burmese script.

C. Islamic Section.

Arabic.

1. Al-Qur'ān (No. 6). The entire text has been copied in 32 folios only in minute and clear Indian Naskh. *Circa* 17th century A.D.

2. Al-Qur'ān: Chap. 48 only (No. 4). Copied by Shāh Naqī'u'd-Dīn Al-Husainī Dāmghānī, imitating the style of Yāqūt, in calligraphic Naskh of Khorāsānī type within gold 'Jadwals' and good vignette. *Circa* 17th century A.D.

3. Al-Qur'ān: Five Suras (No. 18). In calligraphic Indian Naskh within double gilt and ornamented 'Jadwals' and vignette. *Circa* 18th century.

4. Tafsīru'l-Qur'ān li Ibn 'Arabī (No. 73). A commentary on Qur'ān dealing only with three suras by Muḥyi'd-Dīn Abū Abd'illāh Muḥammad, surnamed Ibn 'Arabī (died 638/1240 A.D.). Transcribed at Mecca from the autograph of the author by 'Ubaidu'llah Muḥammad in H. 881/1476 A.D.

5. Al-Kashshāf 'An Haqā'iqi't-Tanzil (No. 58). A commentary on the Qur'ān by Abū'l Qāsim Jāru'l-lah Mahmud (born H. 467/1074 A.D.) dealing with suras XIX-XXXIX. Copied in Khorāsānī Naskh in H. 684/1285 A.D.

6. Al-Hāshiyatu'sh Sharifiyya (No. 62), by 'Alī b. Muḥammad surnamed As-Saiyyid Ash-Sharīf (died H. 816/1413 A.D.). Glosses on the commentary of the Qur'ān (Kashshāf). Copied in Khorāsānī Nastaliq probably in the 15th century A.D. Hopelessly decayed.

7. Sharḥu'l-'Aqā'idī'n-Nasafi (No. 70). A commentary on the theological work, 'Aqā'id of An-Nasafi by Sa'du'd-Dīn Mas'ūd (born H. 716/1316 A.D.). Copied in Khorāsānī Naskh by Muḥammad Ḥaidar in H. 853/1449 A.D.

8. Rasā'ilu'l-Ghazālī (No. 1065). Two rare treatises on Sufism by Abū Ḥamid Muḥammad (born H. 451/1059 A.D.). Copied in Persian Nastaliq by Ahmad in H. 851 and 852/1447 and 1448 A.D.

9. Iḥyā'ulūm ad-Dīn (No. 1205). Another treatise on Sufism by the same author. Copied in fine Naskh, with illuminated headings in different colours at the beginning of every kitāb (chapter), by Shaikh Abdu'llah in H. 1107/1695 A.D.

10. Tahdhib Sharḥ As-sab' Al-mu'allagāt (No. old 1135). A commentary by Inām 'Alī b. 'Abdu'l-lah Al-Wahrānī on the seven ancient poems. Copied in good old Egyptian Naskh at Qāhira (Cairo) in H. 515/1119-20 A.D. *Extremely rare.*

Persian.

11. Ma'āriju'n-Nubuwwat (No. 51). An extensive biography of the Prophet Muḥammad, by Mu'nu'd-Dīn, usually known as Mu'in Al-Miskīn (died H. 907/1502 A.D.). Copied in Indian Nastaliq within gold-ruled borders within double page decorated 'unwāns' by Saiyyad Muḥammad in H. 1031/1621 A.D.

12. Zafar-Nāma (No. 73). The famous history of Timūr (died H. 807/1404 A.D.), by Sharafu'd-Dīn 'Alī Yazadī (died H. 858/1454 A.D.). Copied in Khorāsānī Nastaliq with coloured borders with illuminated 'unwāns', by Abdu'l Latif at Bukhāra in H. 935/1528 A.D.

13. Dīwān-i-Khusraw (No. 569). A collection of Ghazals of Yamīnu'd-Dīn Abū'l-Ḥasan Amīr Khusraw (died H. 725/1325 A.D.). Copied in Khorāsānī Nastaliq in H. 917/1511 A.D.

14. Ma'āthir-i-Rahīmī (No. 140). Memoirs of Abdu'l Bāqī, an official under Abdu'r Raḥīm Khānkhānān to whom they are dedicated, dealing with the politics of the latter part of the reign of Akbar and the early part of that of Jahāngīr. Copied in Indian Nastaliq and containing at the end a note of collation with the original (*Muqābala*), dated H. 1046/1637 A.D., by the author himself.

15. Ādāb-i-'Alamgīrī (No. 378). A collection of official letters and various documents belonging to the reign of Aurangzīb, written in his name by his Secretary, Abū'l Faṭḥ Qābil Khān and collected and arranged by Šādiq Muṭṭalibī (died H. 1129/1716 A.D.). Copied in Indian Nastaliq in the 16th year of Muḥammad Shāh's reign, i.e. H. 1146/1733 A.D.

16. Faṭḥu'l Mujāhidīn (No. 1669). This well-known work by Zainu'l-'Ābidīn written by order and under the direction of Tipū Sultān of Mysore in H. 1197/1783 A.D., deals generally with the religious aspect of war against unbelievers and chiefly with the organization, drill and employment in action of the various branches of the army. Copied by Ḥasan 'Alī at Salāmābād in Shikasta Āmiz Nastaliq. *About 150 years old.*

II. Publication in 1943.

- (1) Journal.
(a) Letters, (b) Science, (c) Year-Book.
- (2) Bibliotheca Indica.
- (3) Price List.

9. ASUTOSH MUSEUM OF INDIAN ART, CALCUTTA UNIVERSITY.

Mehar (Chittagong District) Copperplate of Dāmodaradeva.

This inscription in Sanskrit records a grant of some land by King Dāmodaradeva, son of Vāsudeva, in the *Viṣaya* (district) of Paranāyi within the *maṇḍala* (division) of Samatāṭa, which was under the jurisdiction of the *bhukti* of Puṇḍravardhana. It is dated 1156 Śaka era, corresponding to 1234 A.D. One other copperplate of Dāmodara, dated 1165 Śaka era (1243 A.D.), is known to have been discovered from the Chittagong region (vide: *J.A.S.B.*, Vol. XLIII, 1874, pp. 318ff.). On the first side at the top there is an engraving which exhibits a figure fighting with and trampling upon another—perhaps a representation of some episode in the life of Kṛṣṇa, and on the second may be seen a flaming *Cakra* (discus—a characteristic symbol of Viṣṇu) on a crescent supported on an elaborate pedestal.

ANNUAL REPORT FOR 1943.

The Council of the Royal Asiatic Society of Bengal has the honour to submit the following report on the state of the Society's affairs during the year ending 31st December, 1943.

The Society lost by death Sir John Herbert, formerly Governor of Bengal and a Patron of the Society. It was he who, at the time of assumption of office as Governor of this Province, took the trouble of bringing back to the Society the famous Bhowal Copperplate from the India Office. It may be mentioned also that, through the kindness of The Lady Mary Herbert, ten of our most valuable paintings were kept in safe custody at Government House in Darjeeling as a precautionary measure against Air Raids. The Society passed a vote of condolence on the death of Sir John Herbert at the Ordinary Monthly Meeting in December.

The Council recorded with sincere regret the deaths of Messrs. Johan van Manen, C.I.E., and K. C. De, C.I.E., I.C.S., who were associated with the Society for several years, the former as General Secretary from 1923 to 1939 and the latter as one of the oldest Life Members since 1895.

The Society has lost during the year several eminent scholars and scientists among whom the following may be mentioned: Sir Nil Ratan Sircar, a leader of the medical profession and a former Vice-Chancellor of the Calcutta University; Sir Aurel Stein, the renowned explorer in the field of Central Asian archaeology and one of our Foundation Honorary Fellows; and Sir Sydney Burrard, an eminent geographer and mathematician serving in the Survey of India as its Director some years ago, who was one of our Special Anniversary Members.

The Society and the scholarly world are the poorer owing to the death of these distinguished devotees of science and culture.

Patronage.

His Excellency Field Marshal The Rt. Hon'ble The Viscount Wavell, P.C., G.C.B., G.M.S.I., G.M.I.E., C.M.G., M.C., Viceroy and Governor-General of India, has been graciously pleased to become a Patron of the Society.

Ordinary Members.

<i>Gains.</i>			<i>Gains and Losses.</i>			<i>Losses.</i>		
Elections carried forward	..	6				Lapses of elections	..	5
New elections	..	59				Elections carried over	..	3
						Withdrawals of application		1
						Deaths	..	9
						Resignations	..	2
						Rule 38	..	5
						Rule 40	..	3
TOTAL	..	65				TOTAL	..	28

Initial total 375; net gain 37; final total 412.

Life Members.—The number at the end of the year is the same as last year, viz., 58. Three died; and three members compounded.

Deaths.

Sir Bryce C. Burt (1934).	Sir Chhajuram Chowdhury (1927).
K. C. De (1895).	T. B. Jameson (1926).
G. de P. Cotter (1929).	Sir Nil Ratan Sircar (1924).
Johan van Manen (1918).	S. S. Huda (1940).
	Rai Bahadur P. N. Mullick (1929).

Associate Members.

The Rev. William Pettigrew (1939) has died and Mr. W. S. Birney was elected.

At the end of the year the number stands at 6: the statutory maximum is 15.

Ordinary Fellows.

At the Annual Meeting held on the 1st February, 1943, Mr. A. F. M. Abdul Ali and Sir J. C. Ghosh were elected.

Mr. Johan van Manen (1927) and Mr. G. de P. Cotter (1930) have died.

At the end of the year the number stands at 47: the statutory maximum is 50.

Honorary Fellows.

During the year Sir Aurel Stein (1920) died.

The number at the end of the year stands at 16: the statutory maximum is 30.

Special Anniversary Honorary Members.

Sir Sydney Burrard, K.C.S.I., F.R.S., has died.

At the close of the year there remain only 8 Special Anniversary Members on the roll.

Council.

The Council met 14 times. The attendance averaged 12.

Office Bearers.

Changes in the Council were as follows :—

- Dr. R. C. Majumdar, Historical and Archaeological Secretary, was appointed also as Library Secretary on 3-5-43 *vice* Dr. S. L. Hora, resigned, who remained an Ordinary Member of the Council.
Mr. Justice Edgley, offg. Treasurer from 19-4-43 to 28-5-43 and from 5-9-43 to 1-11-43.
Mr. Gurner, absent from 19-4-43 to 28-5-43.
Mr. Percy Brown, absent from 1-4-43 to 1-11-43.
Dr. Griffiths, absent from 6-5-43 to 21-6-43.
Dr. Agharkar, absent from 10-5-43 to 1-7-43.
Dr. S. P. Mookerjee, absent from 6-8-43 to 24-8-43.
Dr. S. L. Hora, absent from 1-7-43 to 15-8-43.
Sir John Lort-Williams, absent from 25-8-43 to 1-11-43.
Sir Cyril S. Fox, absent from 1-9-43 to 1-11-43.
Dr. Siddiqi, absent from 15-9-43 to 1-11-43.

Committees of Council.

The Standing Committees of Council, namely, the Finance, Publication, and Library Committees met monthly. A special meeting of the Finance Committee was held in December to consider the Budget for 1944. The Standing Programme Committee met four times during the year and the Bibliotheca Indica Committee only thrice.

The following Sub-Committees were appointed :—

A Sub-Committee consisting of the *ex-officio* Members, Dr. M. N. Saha, Dr. S. K. Chatterji, Dr. M. Z. Siddiqi, Dr. R. C. Majumdar, Dr. J. B. Grant, Dr. S. L. Hora, Mr. Justice Edgley, and Mr. W. D. West with power to co-opt additional members, if necessary, to work out details of the celebrations and prepare a programme for the 160th Anniversary of the Society in February, 1944.

A Special Sub-Committee consisting of the *ex-officio* Members, Sir John Lort-Williams, Dr. S. L. Hora, and Dr. S. P. Agharkar to look into the question of the ownership of the publications of the Indian Science Congress Association and to report to the Council.

A Board consisting of the President, General Secretary and Dr. Griffiths for framing suitable Regulations for the award of the Sarat Chandra Roy Medal.

Office and Staff.

Changes in the staff were as follows :—

Mr. J. C. De, the temporary Assistant Secretary (in charge of the Library), resigned with effect from January, and Mr. D. K. Das, who was in charge of the Publication Department, also resigned towards the end of January. Mr. De was replaced by Mr. S. K. Saraswati, M.A., who had been doing part-time work in the Library since January, 1943, and was appointed Librarian

for three years on Rs.150—25—200 per month. Mr. D. Burman, M.Com., was appointed in place of Mr. Das to be in charge of the Publications on a part-time basis of 3 hours a day on a remuneration of Rs.100 per month. Mr. S. K. Ray, who was transferred to the Library at the beginning of the year to officiate for the Librarian, was re-transferred to the Office to his former status as General Assistant and to be in charge of the old files. Mr. N. Gupta who was temporarily transferred to the Library as an assistant was later placed in the Publication Department to be in charge of Sales. Mr. B. C. Bose, M.A., who was acting as an assistant in the Library, since January when he supervised the bringing down of over 12,000 volumes from the top to the ground floor, as precaution against Air Raids, was appointed in Mr. Gupta's place temporarily on a salary of Rs.75 per month.

It is to be regretted that Mr. Trin Chen, our Sino-Tibetan clerk since 1939, was in indifferent health for some time, and he died in service in December. None has been appointed in his place.

During the year, the Council took up the question of the cataloguing of books in the English Section of the Library, and it was decided to prepare both author and subject catalogues for the printed books acquired in the English Section of the Library before 1934. To give effect to this recommendation of the Library Committee, Mr. Sivasankara Mitra, M.A., was appointed cataloguer on a salary of Rs.100 per month, subject to an average monthly output of 600 volumes.

Subordinate Staff.—In the subordinate staff the usual minor changes took place. The Council had to dispense with the services of the office Duftry, Sk. Chunna, as a disciplinary measure. In addition to the two bearers now working in the Library, the Council decided to employ one more bearer temporarily to assist in the reorganization work of the Library with special reference to our 'Periodicals' Section.

Correspondence.

In spite of the war and curtailed activities of many offices in India and abroad, the number of letters received during the year was 1,893 and issued 2,342. Of incoming letters, several were book orders, and a number of letters were issued in connection with the Discussion Meetings. Regular Monthly Meeting notices and Discussion Meeting notices were issued to members and visitors, in addition to invitations to the General Lectures.

In addition, 164 Council and Committee circulars were issued.

Stock Room.

Re-arrangement of the Stock Rooms on the ground floor was continued. A complete stock-taking of the Society's publications for sale was made under the direction of Mr. D. Burman.

Rules and Regulations.

No changes were made in the Rules, but a minor amendment was made in the Regulations regarding the Library with regard to the inclusion of 'Coins' as part of the Library collection. A set of Regulations were adopted by the Council regarding the award of the Dr. Bimala Churn Law Gold Medal and the Sarat Chandra Roy Memorial Medal.

Representations.

Indian Museum.—The Society's representative on the Board of Trustees of the Indian Museum, under the Indian Museum Act X of 1910, continued to be Dr. J. N. Mukherjee.

Kamala Lectureship.—The Society's nominee to serve on the Selection Committee of Kamala Lectureship, administered by the Calcutta University, was Dr. R. C. Majumdar.

National Institute of Sciences of India.—The Society's representatives to serve on the Council of the National Institute of Sciences of India were Mr. W. D. West as Vice-President and Dr. D. M. Bose as Member of Council for 1943.

Sarojini Bose Gold Medal.—The Society's nominee to serve on the Special Committee for the award of the medal administered by the Calcutta University, was Dr. Bimala Churn Law.

Royal Asiatic Society of Great Britain and Ireland.—The Society's nominee for the corresponding fellowship of the Royal Asiatic Society of Great Britain and Ireland was Dr. S. K. Chatterji.

Indian Historical Records Commission.—The Society's representative to serve on the Commission was Mr. C. W. Gurner.

Deputations.

The Society received invitations to send representatives to the various functions of the under-mentioned bodies:—

The meeting of the Symposium of the National Institute of Sciences of India at Calcutta on the 27th and 28th September. Dr. R. C. Majumdar and Dr. M. Ishaque were nominated to represent the Society.

The 12th Session of the All-India Oriental Conference at Benares in December. Dr. R. C. Majumdar was nominated to represent the Society.

The 6th Session of the Indian History Congress at the Muslim University, Aligarh. Dr. R. C. Majumdar was nominated to represent the Society.

The second meeting of the Symposium of the National Institute of Sciences of India to be held in Delhi. Drs. M. N. Saha, S. P. Agharkar and R. C. Majumdar were nominated to represent the Society.

Awards.

Elliott Prize for Scientific Research.—The annual prizes offered for the years 1941 and 1942 were Chemistry and Physics respectively. Two candidates submitted papers for 1941 and only one candidate for 1942. The prize for 1941 was awarded to Dr. M. C. Nath of the Dacca University. No award was made for 1942 as the papers submitted by the candidate were not of sufficient merit.

The annual prize offered for the year 1943 is for Geology and Biology (including Pathology and Physiology). Announcement regarding the prize will be made at the Annual Meeting in 1944.

Barclay Memorial Medal.—The biennial award of the medal for conspicuous contributions to Medical and Biological Science with reference to India, for 1943, will be announced at the Annual Meeting in 1944.

Sir William Jones Memorial Medal.—The triennial award of the medal for conspicuously important Asiatic Researches in Philosophy, Literature and History for 1943 will be announced at the Annual Meeting in 1944.

Annandale Memorial Medal.—The (triennial) award of the medal for important contributions to the study of Anthropology in Asia, for 1942, was announced at the Annual Meeting in 1943. The medal was awarded to Dr. Birajasanker Guha, Anthropologist to the Zoological Survey of India.

The next award of the medal will be made at the Annual Meeting in 1946.

Joy Gobinda Law Memorial Medal.—The next (triennial) award of the medal for 1944 will be announced at the Annual Meeting in 1945.

Paul Johannes Brühl Memorial Medal.—The (triennial) award of the medal for important contributions to the study of Asiatic Botany for 1942 was announced at the Annual Meeting in 1943. The medal was awarded to Rao Bahadur G. N. Rangaswami Ayyangar, Geneticist and Millets Specialist, and retired Principal, Agricultural College and Research Institute, Coimbatore.

The next award of the medal for 1944 will be made at the Annual Meeting in 1945.

Indian Science Congress, Calcutta Prize.—The next award of the prize in connection with the session of the Congress, held in Calcutta in 1943, will be announced at the Annual Meeting in 1944.

Pramatha Nath Bose Memorial Medal.—The announcement of the first and initial award of the medal for conspicuously important contributions to practical and theoretical Geology

with special reference to Asia will be made at Annual Meeting in 1944.

Dr. Bimala Churn Law Gold Medal.—Dr. Bimala Churn Law has made a handsome donation of Rs.8,000 in 3½% G.P. Notes for the institution of a gold medal to the value of Rs.280 to be bestowed annually on a person who is considered to have made conspicuously important contributions to any one of the following subjects: History, Geography, Philosophy, Religions, Ethnology, Folklore, Fine Arts and Architecture, with special reference to India, from the earliest time down to the thirteenth century A.D., and Bengali language, literature and philology. He has given also Rs.185, the cost of the dies and a sum of Rs.280 to meet the cost of the first and initial award of the medal to be made at the Annual Meeting of the Society in 1944. The Council have accepted the donation with thanks. The announcement of the award will be made at the Annual Meeting in 1944.

Library.

The year 1943 has been a year of serious and earnest reorganization in the Library. A definite scheme of classification and cataloguing of printed books in the General Section was pursued. As a first step the preparation of Authors and Subjects Catalogues of books added to the General Section of the Library during the period 1934–1942, i.e. after the last issue of the printed catalogue, was taken in hand and completed under the supervision of Mr. P. C. Bose, Deputy Librarian, Calcutta University Library, who was deputed for the purpose by the University Librarian. Books added to the General Section in the above period have been, as far as they could be picked out from the shelves, entered in a new Accession Register of standard form and classified according to Dewey's Decimal Scheme, classification being limited to broad divisions with such expansions as are required by the special character of the collection. Books, thus classified, have been further individualized with Cutter-Sanborn Author marks. The sheaf form of catalogue, which had been adopted in previous years, was continued.

After the completion of this work, the preparation on the above lines of Authors and Subjects Catalogues of all the printed books acquired before 1934 has been undertaken as a special work and is being continued. The total number of books thus classified and catalogued under the above two heads is 2,502.

The Sanskrit and the Islamic sections also were included in the reorganization scheme. A definite plan for the preparation of brief catalogues of the manuscripts in the Society's possession was drawn up by Mr. S. K. Saraswati, and work was begun in the two sections accordingly. In the Sanskrit section the Indian Museum collection of manuscripts, which had been lying

practically unexplored since its accession eight years ago, was taken up and 4,943 manuscripts have been catalogued during the year. In the Islamic section 160 manuscripts have been catalogued and if work be continued on the lines adopted, it may be hoped to get together up-to-date catalogues of all the collections in the different sections within the next year or two. The main stock and the chief resources and specialities of the Library can thus be placed before interested people for utilization in the best possible manner.

The large collection of coins, lying dumped in big bundles in a steel cabinet in the Sanskrit section, was examined and a preliminary sorting, with a view to a detailed study, has been made.

A new and useful feature introduced this year is the issue of regular classified bulletins, month by month, of new accessions in the Library. This has proved immensely helpful to readers and has an added advantage in the fact that books are being classified and catalogued immediately they are received, thus avoiding accumulation of work in this respect. The number of books thus catalogued is 302.

Much of the success of the reorganization scheme is due to the enthusiasm and sustained interest of Sir John Lort-Williams. Thanks are due also to Dr. R. C. Majumdar, Chairman of the Library Committee, for his expert help and active co-operation and to Khan Bahadur K. M. Asadullah, Librarian, Imperial Library, for his kind advice and general assistance in lending necessary reference books.

General Section.—Exclusive of periodicals, there were 242 new accessions during the year, against 132 in 1942. Of these, 73 were purchased and 101 were received as presentations. The remaining 68, including some very rare and old volumes, were recovered from discarded papers and under the instructions of the Library Committee were registered and catalogued. On account of the international situation there has been a further drop in the number of periodicals received—a cause that was also responsible for a limited number of purchases, the majority of our orders to foreign countries still remaining unexecuted.

Three new journals were added to the Library by exchange, namely, (1) Journal of the Numismatic Society of India; (2) University of Ceylon Review; and (3) Journal of the Ganganath Jha Research Institute.

The total number of volumes lent out during the year was 900, against 569 last year. An improvement in this direction was due, in a large measure, to the increased facilities for use of the Library as the result of reorganization. Members and non-members also made an extensive use of the Library in the rooms of the Society, the total number of such issues being over 650.

Sanskritic Section.—In respect of printed books there were 57 new accessions, against 17 last year. Of these, 15 were purchased

and 42 were received as presentations. There has been no accession of manuscripts during the year.

The total number of books lent out was 116, against 56 last year. Manuscripts lent out to different institutions and individuals numbered 8 and several such requisitions could not be met on account of the MSS. in question having been sent away for reasons of security. Books and manuscripts used within the rooms of the Society totalled 184 and 135 respectively, recording a distinct improvement over last year's figures.

In connection with the preparation of a catalogue for the Sanskrit manuscripts which are not included in the catalogues already printed, Pundits Jagadish Bhattacharya, Ramdhan Bhattacharya and Nani Gopal Bhattacharya were engaged temporarily as cataloguers on a remuneration calculated at the rate of Rs.25 for every 100 manuscripts catalogued. The work started in September.

Islamic Section.—There have been only three new accessions of books in this section, all by presentation, against one of the previous year. No new manuscript was added to the section.

The total number of books lent out was 93, against 46 last year. As in the previous year only 1 manuscript was lent out. Books and manuscripts used in the rooms of the Society numbered 95 and 22 respectively, against 73 and 22 in the previous year.

During the year the Council took up the question of the cataloguing of manuscripts belonging to the Islamic section which was at a standstill after the death of Dr. M. Hidayat Hosain, and it was decided to entrust the work on an honorarium basis to Drs. S. A. Imam and A. B. M. Habibullah, both of the Calcutta University, to the former the catalogue of Arabic manuscripts and to the latter that of Persian manuscripts. They will start work early in 1944.

Sino-Tibetan Section.—A complete list of Tibetan and Chinese collections was made during the year. The Tibetan collection consists of 481 volumes in MSS. and xylographs, and represents a complete collection of the Kangyur and the Bstangyur. The strength of the Chinese collection is 146, including the complete Tripitaka series.

Binding and Repair.—Altogether 778 volumes were bound against 961 in 1942. The drop is due to the scarcity of necessary materials, resulting in a corresponding rise in the cost of binding.

Manuscripts repaired in the Sanskrit and the Islamic sections numbered respectively 49 and 104, against 128 and 131 in the previous year. The repair work was stopped under the instructions of Dr. S. N. Sen, Keeper of Imperial Records, until the formulation of a comprehensive and approved scheme for the preservation of manuscripts, books, etc. in the Society's

Library. It is a pleasure to note that such a scheme has been drawn up and approved by the Government of India, which has provided for an additional annual grant under this head in next year's budget. It is hoped that the scheme will be in operation from 1944.

Book Reviews.—Several books were added to the Library as presentations under this head. Every effort is being made to meet our obligations on this count by bringing out the arrear reviews as soon as possible.

Permanent Library Endowment Fund.—The total of this fund is now Rs.17,863-3-8 in $3\frac{1}{2}\%$ Government Paper.

The above shows a general improvement in the work of the Library in its different sections. In spite of the unsatisfactory condition prevailing in previous years, and the serious dislocation caused by air raids, the definite programme of reorganization inaugurated this year and carried on by a loyal and efficient staff under the direction and supervision of the Library Committee and the Council, has already resulted in a marked improvement in the working of the Library and further progress is expected in the years to come as the new programme approaches its completion.

Finance.

Appendix III contains the usual Statements showing our accounts for 1943. No change has been made in the form of their presentation.

The following two new funds have been opened:—

- (1) Dr. Bimala Churn Law Gold Medal Fund for Indology. (Statement No. 15.)
- (2) Sarat Chandra Roy Medal Fund for Cultural Anthropology. (Statement No. 16.)

Details of these funds are given elsewhere in the report.

During the year Rs.1,600 were received as admission fees and Rs.610 as compounding fees. The total amount of Rs.2,210 will be transferred to the permanent reserve by conversion of Government Paper ($3\frac{1}{2}\%$) belonging to the Temporary Reserve.

The Government of Bengal maintained the 20% cut in some of the grants made by them to the Society.

The Government of India maintained the 50% cut in the grant for the Arabic and Persian MSS. Fund (Statement No. 5) which closed with a debit balance of Rs.153-1-6.

The Government Securities, shown in Statement No. 25, are held in safe custody by the Imperial Bank of India, Park Street Branch. During the year there was an appreciation of the Securities, thus increasing the book assets of the Society.

BUDGET ESTIMATE FOR 1944.

Ordinary Receipts.

<i>Budget heads.</i>	Budget estimate for 1943.	Actuals for 1943.	Budget estimate for 1944.
	Rs.	Rs.	Rs.
Interest on Investments and	{ 9,860	9,914	9,900
Deposits	{ 450	450	450
Advertising	10,200	10,200	10,200
Rent	10,680	10,800	10,800
Annual Grant from the Govt. of Bengal for publication of Journal	1,600	1,600	1,600
Miscellaneous	350	677	450
Members' Subscriptions	8,000	8,890	8,500
Publication Sales and Subscrip- tions to Journals and Memoirs	4,000	4,991	4,500
TOTAL ..	45,140	47,522	46,400

Extraordinary Receipts.

By Fees—	Rs.	Rs.	Rs.
by Admission Fees ..	700	1,600	800
by Compounding Fees ..	..	610	..
TOTAL ..	700	2,210	800

Ordinary Expenditure.

	Rs.	Rs.	Rs.
Salaries and Allowance ..	23,700	22,137	23,800
Commission	280	212	300
Stationery	500	620	1,000
Fan, Light and Telephone ..	600	782	800
Taxes	2,400	2,387	2,400
Postage	1,000	955	1,000
Contingencies	1,000	810	800
Petty Repairs	150	16	50
Insurance	500	793	800
Menials clothing	250	276	50
Office Furniture	200	150	50
Building Repairs	1,500	1,500	1,000
Provident Fund Share	700	620	700
Audit Fees	250	250	250
Books, Library	1,500	1,030	2,000
Binding, Library	2,000	1,704	1,500
Journal and Memoirs	5,750	5,164	4,600
Printing, Circular, etc. ..	800	590	600
A.R.P. Measures	560	436	..
Dearness Allowance	1,500	4,008	3,500
Cataloguing (Library) .. ..	..	400	1,200
Honorarium (Library) .. ..	..	300	..
TOTAL ..	45,140	45,140	46,400

Extraordinary Expenditure.

	Budget estimate for 1943.	Actual for 1943.	Budget estimate for 1944.
	Rs.	Rs.	Rs.
To Permanent Reserve—			
By Admission Fees ..	700	1,600	800
Compounding Fees ..	..	610	..
TOTAL ..	700	2,210	800

Publications.

The complete volume of the *Journal* for the year has been published and distributed to members. The volume is composed of four numbers (2 Letters, 1 Science and 1 Year-Book). The Title-pages and Indices for Volume VIII, viz. Letters, Science and Year-Book, have been published and issued.

Memoirs.—Good progress has been made in the printing of *Mahāvvyutpatti* by Alexander Csoma de Körös. The complete book in Sanskrit, English and Tibetan has been sent to the press with print order and is expected to be published early in 1944.

Bibliotheca Indica Series.

(i) *The Doctrine of Nimbārka*, Vol. III, by Dr. Rama Chaudhuri, has been published. This completes the work. A general Index for all the three volumes has been printed along with this one.

(ii) *Kuttanimatam*.—Edited with notes by Pandit Madhusudan Kaul of Kashmir. The text of the book has been printed. Introduction and Notes are being prepared with a view to immediate publication.

(iii) *Padmāvatī*.—English Translation by Mr. A. G. Shirreff, I.C.S. Pages 1–144 have been printed off. Pages 145–176 have been set up in type and it is expected to complete the book early in 1944.

(iv) *Index of Amal-i-Salih*.—Pages 1–80 of the Index have been received from Dr. G. Yazdani and have been sent to the press.

Descriptive Catalogue of Manuscripts in the possession of the Royal Asiatic Society of Bengal.

I. (i) *Descriptive Catalogue of Sanskrit MSS.*, Vol. X, Astronomy and Astrology, prepared by MM. H. P. Shastri, and revised and edited by Prof. P. C. Sen Gupta. Pages 1–128 have been printed off.

(ii) *Descriptive Catalogue of Sanskrit MSS.*, Vol. XI, Philosophy, prepared by MM. H. P. Shastri, and revised and edited by Prof. N. C. Bhattacharyya, Vedantatirtha. Pages 1–112 have been sent to the press with print order,

II. (i) *Catalogue of Arabic MSS.*, Vol. II.—Since the death of Shams'ul Ulama Dr. M. Hidayat Hosain, the work remained in abeyance. The task of completing the volume has now been entrusted to Dr. S. A. Imam.

(ii) *Catalogue of Persian MSS.*—The task of preparing a third supplement to the Descriptive Catalogue of Persian Manuscripts in the Society's collection has been entrusted to Dr. A. B. M. Habibullah.

III. *Catalogue of Vernacular MSS.*—A Supplementary Volume to the Descriptive Catalogue of the Vernacular MSS. containing a comprehensive errata and descriptions of some uncatalogued MSS. has been prepared by Mr. Prafulla Chandra Pal, M.A., and has been sent to the press.

The following works are still under preparation :—

- (1) *Haft-Iqlim*, Vol. II, by Prof. M. M. Haq.
- (2) *Bhagavad Gītā* (in Persian verse) by Dr. Baini Prashad.
- (3) *Maāthir-ul-Umarā*, Vol. II, English Translation by Dr. Baini Prashad.
- (4) *Ain-i-Akbari*, Vols. II and III, English Translation, revised and edited by Sir Jadunath Sarkar.

Introduction of Vajjalaggam.

The Introduction to the Prakrit anthology Vajjalaggam, written in 1916 by Julius Laber, was discovered, while rearranging the old files, in the galley proof stage and bearing corrections by that eminent scholar. The Bibliotheca Indica Committee has ordered the re-issue of the book with this Introduction and an Index prepared by Dr. Manomohan Ghosh. This has been sent to the press.

Publication of a thoroughly revised Price List.

In response to repeated enquiries, the preparation of an up-to-date and thoroughly revised price list of Society's publications was undertaken by Mr. D. Burman in February and was issued in June. It was greatly appreciated by the members and well-wishers of the Society. This price list has been published after an interval of 14 years, the last one having been printed in 1929.

Reorganization of the Publication Department.

In pursuance of the report submitted by Dr. N. Dutt and adopted by the Council in July, the task of selling the Society's publications has been transferred to the Publication Department. His report was based on the stock valuation statement prepared by Mr. D. Burman, M.Com., which revealed that a large portion of the publications was tending to become dead stock. Dr. Dutt recommended (i) reduction-sale for six months ending in January, 1944, (ii) advertisement in important journals, and (iii) distribution of the new price list to learned Societies and Universities. With the sanction of the Council, immediate

effect was given to these recommendations. The result was prompt and encouraging. Sales now are more than five times higher than during the past two years. This increase in sales naturally liquidates the Society's old and decaying stock. The additional revenue thus earned may be re-invested in new books or in reprinting important old works, stimulating thereby the cultural activities of the Society through its research publications.

A thorough stock-taking of the Society's publications was undertaken in August and has been completed.

Air Raid Precautions Fund.

As stated in the last Annual Report, this fund was started by H.E. Sir John Herbert in 1942, and the Council are grateful to those members of the Society who have generously contributed to this fund. The total amount collected under this head was Rs.8,688-10-0 during the last two years. The fund was closed towards the middle of the year. The amount realized was allocated proportionately to the three separate funds from which money was drawn at the beginning for meeting the A.R.P. expenses of the Society. It may be mentioned that the Council are grateful to the Government of Bengal for a special grant of Rs.4,000 made for the purpose. During the year additional A.R.P. measures were taken by way of erecting baffle walls around a room on the ground floor with the object of making it a shelter for the employees of the Society in the event of Air Raids.

Cultural Activities.

(a) ORDINARY MONTHLY MEETINGS.

These meetings were held regularly with the exception of the recess months, September and October. The average attendance was 16 members and 5 visitors. The maximum attendance was in February and August with 39 members and 14 members and 22 visitors respectively.

The meetings of June and July were devoted mainly to the symposium on the 'Early History of Bengal on the basis of recent researches' opened by Dr. R. C. Majumdar.

There were no special meetings of the Medical Section but our Medical Secretary, Dr. J. B. Grant, is ever active, co-operating with various official and non-official boards of Medical Aid during the War.

(b) EXHIBITS.

At the Ordinary Monthly Meetings several interesting exhibits were shown and commented upon. The following may be mentioned:—

Percy Brown: A portable shrine, and a miniature replica, in bronze, of the colossal Trimurti Rock Sculpture in the rock-cut Temple on the Island of Elephanta, Bombay.

L. R. Fawcus : Flint Implements from Syria.

R. C. Majumdar : Two Copperplate Grants of Śaśāṅka ; and a new Inscription, engraved on an Image of Gaṇeśa.

M. M. Haq : Fragment of the original illustrated Persian Translation of the Kathā Sarit Sāgara made at the instance of Emperor Akbar.

General Secretary : Thirteen Koch and Tippera Coins ; certain valuable scientific papers and books by past and present members of the Society ; some rare manuscripts from the Society's Archives.

(c) CULTURAL AID.

In addition to the General Lecture and the Discussion Meetings, facilities were offered to scholars and men of the Allied Forces for study and research ; and help was also rendered to learned societies and enquirers outside Calcutta on matters of antiquarian and historical interest.

(d) GENERAL LECTURES.

During the year two General Lectures were delivered before a large audience of members and visitors:—

3rd June : Mr. Sris Chandra Chatterjee on 'Contribution of Greece and India to Architecture and Culture'.

20th August : Rao Bahadur K. N. Dikshit, Director-General of Archaeology in India, on 'Recent Archaeological Explorations at Ramnagar and at the Prehistoric sites' and Mr. T. N. Ramachandran of the Indian Museum on 'New Discoveries at Mainamati, Comilla, Bengal'.

(e) DISCUSSION MEETINGS.

As stated in the Annual Report of last year, Discussion Meetings were introduced as a part of the cultural activities of the Society in connection with our War services. It was arranged by the Programme Committee to have them once every fortnight ; but during the year, owing to the demands for more frequent social and cultural reunions, the Council decided to have them every week with effect from 1944. Invitations to the meetings were regularly extended to members of the Allied Forces (British, Indian, American and Chinese), and they were well attended and topics chosen by speakers, civilian and military, evoked considerable interest. With the exception of the Autumn Holidays, regular meetings were held. Many of the lectures were illustrated by charts and lantern slides.

The Council are grateful to the Hon'ble Mr. Justice N. G. A. Edgley for making our Discussion Meeting programme as attractive and instructive as possible. He has been instrumental in securing the full co-operation of the Military Authorities represented by Brigadier Williams of the Fort William and Brig. General J. A. Warden of the U.S.A. Forces,

January 7th..	Dr. S. K. Chatterji: Languages of India.
„ 21st	Dr. R. C. Majumdar: Bengal as Lord Clive found it.
February 4th	Dr. B. S. Guha: Races and Cultures of India.
„ 18th	The Hon'ble Mr. Justice N. G. A. Edgley: Temples of India.
March 4th ..	Sir Jadu Nath Sarkar: Indian Warfare in the Eighteenth Century.
„ 18th ..	Mr. Percy Brown: Historic Buildings of Delhi.
April 1st ..	Mr. Clayton Lane: Backgrounds of American Books.
„ 15th ..	Dr. J. N. Banerjee: The Gods and Goddesses of India.
„ 29th ..	The Hon'ble Mr. Justice N. A. Khundkar: Some Great Moghul Women.
May 13th ..	Dr. N. R. Ray: Revival of Arts in Modern India.
„ 27th ..	Mr. O. C. Gangoly: Ragini Pictures (Indian Musical Modes in Indian Art).
June 10th ..	The Hon'ble Mr. Justice R. B. Pal: Dawn of Law in Ancient India.
„ 17th ..	Major C. S. Cutting: Tibet.
„ 24th ..	Lt. Rolfe Haatvedt: The Excavations of the University of Michigan in Graeco-Roman Egypt.
July 8th ..	Mr. L. R. Fawcens: Jungle Life in Bengal.
„ 22nd ..	Mr. R. M. Hawes: The Nepalese.
August 5th ..	Dr. Stella Kramrisch: Ancient Indian Sculpture.
„ 19th ..	Dr. A. Chakravarti: Dr. Rabindra Nath Tagore: His Poetry and Art.
September 2nd	Capt. P. Johnson-Marshall: City and Regional Planning.
„ 16th	Mr. C. P. Lawson: Future of Indian Agriculture.
November 11th	Prof. Eric Dickinson: Art in Gandhara.
„ 18th	Dr. W. A. Jenkins: Educational Ideals, ancient and modern.
December 2nd	Rev. W. J. Culshaw: Santhals, an aboriginal Tribe.
„ 16th	Mr. M. A. F. Hirtzel: The River Systems of Bengal.

General.

Routine work in respect of the local distribution of the Society's publications, circulars, forms, etc. and the keeping up to date of the addresses of members was carried out as usual, but the posting of journals, etc., to belligerent and many neutral countries affected by the war was either stopped altogether, or was seriously handicapped by delays in shipment.

Printers.

Under the capable superintendence of Mr. G. E. Bingham the Baptist Mission Press continued to act as our chief printers and gave, as usual, their valuable assistance. Mention also may be made of the help rendered by the Directors of the Calcutta Oriental Press, the General Printers Ltd. and the Inland Printing Works in doing minor printing work for the Society.

Agencies.

Our European, American and Indian Agents remain the same. An extension of the list to other Asiatic countries could not be arranged owing to the unsettled world situation.

Exchange of Publications.

The following applications for exchange with the Society's publications were considered by the Council and its decisions are noted against each:—

<i>Publications of:</i>	<i>To be exchanged with:</i>
Numismatic Society of India (Journal)	Journal, Letters.
University of Ceylon (Ceylon Review)	Journal, Letters.
Mining, Geological and Metallurgical Society of India (Quarterly Journal)	Journal, Letters.
Calcutta University (all publications)	All publications including Bibliotheca Indica and Catalogues.
Ganganath Jha Research Institute (Quarterly Journal)	.. Journal, Letters.

Solicitors.

The Society is under special obligation this year to its Solicitors, Messrs. B. N. Basu & Co., for their prompt and valuable services in legal matters. To the head of the firm, Mr. J. N. Basu, and his able assistants, we are specially indebted for their courtesy and ungrudging help on all occasions.

Conclusion.

The presence in our midst of a distinguished representative of the Royal Society of London, and of the *Academia Sinica* of Chungking, on this our 160th Anniversary, is not only in keeping with the past traditions of our Society, but a happy augury for its future. Amidst the storm and stress of the Second World War of this century, we cannot help hoping for a wider and deeper diffusion of culture and the growth of a new humanism assimilating all that is essential and elevating in the civilization of the East and the West. Our Society never tolerated the idea of cultural isolation, but boldly invited international collaboration in the field of Science and Letters for over a century and a half. It has therefore legitimately earned the title of the National Academy of this vast sub-continent, the cradle of one-fifth of humanity. Granted sufficient repose and resources to carry out our cultural programme, we may hope that with the dawning of durable peace, our Royal Asiatic Society of Bengal will grow into a leading Centre of Intellectual Co-operation in the East collaborating with our sister academies of the West and will vindicate the claims of research in the domain of Truth and Beauty canonized in the Science and Literature of mankind.

APPENDIX I.

List of Publications issued by the Royal Asiatic Society of Bengal during 1943.

(a) Bibliotheca Indica:

	Rs. A. P.
(1) Doctrine of Nimbarka, Vol. III, by Dr. Rama Bose	5 0 0

(b) Journal and Proceedings (Third Series):

(1) Vol. IX (Letters), No. 1	14 0 0
(2) " " ("), " 2	4 8 0
(3) " " (Science), " 1	4 0 0
(4) " " (Year-Book)	3 8 0
(5) Title-pages and Indices to Vol. VIII.	

(c) Miscellaneous:

Revised Price List.

Abstract Statement
of
Receipts and Disbursements
of the
Royal Asiatic Society of Bengal
for
the Year 1943

STATEMENT No. 1.

General

Income and Expenditure Account

			Rs.	As.	P.	Rs.	As.	P.
To ESTABLISHMENT:								
Salaries and Allowances ..	..	..	22,031	7	0			
Commission ..	..	..	235	5	0			
War Allowances ..	..	..	3,774	8	0			
						26,041	4	0
GENERAL EXPENDITURE:								
Stationery ..	..	..	757	11	0			
Fans and Light..	..	..	460	8	0			
Telephone ..	..	..	353	9	0			
Taxes ..	..	..	2,387	5	0			
Postage ..	..	..	959	3	0			
Contingencies ..	..	..	841	8	3			
Printing Circulars, etc.	..	..	489	11	3			
Audit Fee ..	..	..	250	0	0			
Petty Repairs ..	..	..	16	8	0			
Insurance ..	..	..	792	2	0			
Menials' Clothing ..	..	..	275	5	6			
Furniture and Repairs ..	..	..	206	4	0			
Interest on Security Deposit ..	..	..	5	0	0			
A.R.P. Expenses ..	..	..	436	0	0			
						8,230	11	0
LIBRARY AND COLLECTIONS:								
Cataloguing ..	..	..	374	3	0			
Honorarium ..	..	..	300	0	0			
Books ..	..	..	727	1	0			
Binding ..	..	..	1,509	1	6			
						2,910	5	6
Provident Fund Contribution for 1943 ..			....			615	1	0
						37,797	5	6
Transfer to Building Repair Fund Account ..	..	..	....			1,500	0	0
SUNDRY ADJUSTMENT:								
Bad Debts written-off ..	..	..	....			1,423	2	0
BALANCE AS PER BALANCE SHEET ..		..	....			3,05,078	13	11
						3,45,799	5	5

Fund.

1943.

for the year ended 31st December, 1943.

		Rs. As. P.	Rs. As. P.
BY BALANCE FROM LAST ACCOUNT	2,89,182 13 11

CASH RECEIPTS :

Interest on Investments	..	..	9,914 14 0	
Interest on Fixed Deposits	..	..	450 0 0	
Advertising	..	..	10,200 0 0	
Rent	..	..	8,855 0 0	
Deposit against rent	..	..	2,625 0 0	
Miscellaneous	..	..	677 6 6	
			<hr/>	32,722 4 6

PERSONAL ACCOUNT :

Members' Subscriptions	..	..	9,971 0 0	
Admission Fees	..	..	1,600 0 0	
Compounding Fees	..	..	610 0 0	
Unclaimed Credit Balances	..	..	24 0 0	
			<hr/>	12,205 0 0
Transfer from A.R.P. Fund A/c	..	..	....	2,005 0 0
Appreciation on Investments re-valued on 31st December, 1943	..	..	....	9,684 3 0

3,45,799 5 5

STATEMENT No. 2.

Oriental Publication

From a monthly grant made by the Government of Bengal, for the publication (Rs.500, Less 20% from the 1st April, 1932), and for the

					Rs.	As.	P.
To	Printing	..	..	..	3,011	5	3
	Binding	..	..	..	77	8	0
	Honorarium	..	..	..	700	0	0
	Balance as per Balance Sheet—			Rs. As. P.			
	Rs.5,000 3% War Loan	..	5,000	0	0		
	Surplus at date	..	16,817	10	6		
					21,817	10	6
					25,606	7	9

STATEMENT No. 3.

Oriental Publication

From an annual grant made by the Government of Bengal of Historical (Less 20% from the

					Rs.	As.	P.
To	Balance from last Account	..	..	..	11,092	12	7
					11,092	12	7

STATEMENT No. 4.

Sanskrit Manuscripts Fund

From an annual grant of Rs.3,200 made by the Government of Bengal by the Society; and Rs.3,600 from the same Government

					Rs.	As.	P.
To	Cataloguing	..	..	..	1,177	12	0
	Binding	..	..	..	67	3	0
	Printing	..	..	..	1,016	13	0
	Repairs to MSS.	..	..	..	650	10	3
	Preservation	..	..	..	100	8	0
	Editing	..	..	..	168	0	0
	Balance as per Balance Sheet	..	..	..	17,685	13	9
					20,866	12	0

Fund No. 1, in Account with R.A.S.B.

1943.

cation of Oriental Works and Works of Instruction in Eastern Languages
publication of Sanskrit Works hitherto unpublished, Rs.250.

				Rs.	As.	P.
By	Balance from last Account	..	..	16,350	7	0
	Annual Grant ..	..	..	7,800	0	0
	Interest realized during the year	..	..	112	6	0
	Transfer from A.R.P. Fund Account	..	..	1,337	6	0
	Appreciation on investments revalued on 31st December, 1943	..	..	6	4	0
				<hr/>		
				25,606	7	0

Fund No. 2, in Account with R.A.S.B.

1943.

Rs.3,000 for the publication of Arabic and Persian Works of
Interest.
1st of April, 1932.)

			Rs.	As.	P.
By	Annual Grant, 1942, 1943 .. ..	.. ..	4,800	0	0
	Balance as per Balance Sheet .. ..	.. ..	6,292	12	7
			<hr/> 11,092 12 7 <hr/>		

Account, in Account with R.A.S.B.

1943.

for the publication of the Catalogue of Sanskrit Manuscripts acquired
(Less 20% from the 1st of April, 1932)
for Research Work.

			Rs.	As.	P.
By	Balance from last Account .. ..	.. ..	9,440	8	0
	Annual Grant .. ..	.. ..	6,080	0	0
	Transfer from A.R.P. Fund Account .. ..	.. ..	5,346	4	0
			<hr/> 20,866 12 0 <hr/>		

STATEMENT No. 5. *Arabic and Persian Manuscripts*

From an annual grant of Rs.5,000 made by the Government of India for
by the Society; for the purchase of further Manuscripts,
Manuscripts found in
(Less 50% from 1st April,

	Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account			1,960	3	3
Printing			524	12	3
Binding			168	2	0
				<u>2,653</u>	<u>1</u>	<u>6</u>

STATEMENT No. 6.***Barclay Memorial***

From a sum of Rs.500 odd given in 1896 by the Surgeon
encouragement of Medical

	Rs.	As.	P.	Rs.	As.	P.
To Balance as per Balance Sheet—						
Rs.700, 3½% G.P. Notes, 1854-55 ..	682	15	0			
Surplus at date	133	9	8			
				<u>816</u>	<u>8</u>	<u>8</u>
				<u>816</u>	<u>8</u>	<u>8</u>

STATEMENT No. 7.***Servants' Pension Fund***

Founded in 1876 as the Piddington Pension Fund

	Rs.	As.	P.	Rs.	As.	P.
To Pension .. ..	....			132	0	0
Balance as per Balance Sheet—						
Rs.3,000, 3½% G.P. Notes, 1854-55	2,926	14	0			
Surplus at date	756	6	8			
				<u>3,683</u>	<u>4</u>	<u>8</u>
				<u>3,683</u>	<u>4</u>	<u>8</u>

STATEMENT No. 8.***Anmandale Memorial Fund***

From donations by subscription,

	Rs.	As.	P.	Rs.	As.	P.
To Cost of a Medal .. ..	....			343	6	0
Balance as per Balance Sheet—						
Rs.4,000, 3½% G.P. Notes, 1854-55	3,902	8	0			
Surplus at date	696	6	9			
				<u>4,598</u>	<u>14</u>	<u>9</u>
				<u>4,598</u>	<u>14</u>	<u>9</u>

Fund Account, in Account with R.A.S.B

1943.

the cataloguing and binding of Arabic and Persian Manuscripts, acquired and for the preparation of notices of Arabic and Persian various Libraries in India. 1939.)

	Rs.	As.	P.	Rs.	As.	P.
By Annual Grant		2,500	0	0
Balance as per Balance Sheet		153	1	6
				<u>2,653</u>	<u>1</u>	<u>6</u>

Fund Account, in Account with R.A.S.B.

1943.

General, I.M.S., for the foundation of a medal for the and Biological Science.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account		767	5	8
Interest realized during the year		24	4	0
Appreciation on Investments revalued on 31st December, 1943		24	15	0
				<u>816</u>	<u>8</u>	<u>8</u>

Account, in Account with R.A.S.B.

1943.

with Rs.500 odd from the Piddington Fund.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account		3,603	10	8
Interest realized during the year		104	12	0
Appreciation on Investments revalued on 31st December, 1943		106	14	0
				<u>3,815</u>	<u>4</u>	<u>8</u>

Account, in Account with R.A.S.B.

1943.

started in 1926.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account		4,661	4	9
Interest realized during the year		138	8	0
Appreciation on Investments revalued on 31st December, 1943		142	8	0
				<u>4,942</u>	<u>4</u>	<u>9</u>

STATEMENT No. 9. *Permanent Library Endowment*

From gifts received,

	Rs.	As.	P.	Rs.	As.	P.
To Balance as per Balance Sheet—						
Rs.14,000, 3½% G.P. Notes, 1854-55	13,658	12	0			
Surplus at date	4,204	7	8			
				17,863	3	8
				17,863	3	8

STATEMENT No. 10. *Sir William Jones Memorial*

From a sum gifted for the purpose in

	Rs.	As.	P.	Rs.	As.	P.
To Balance as per Balance Sheet—						
Rs.3,000, 3½% G.P. Notes, 1854-55	2,926	14	0			
Surplus at date	568	3	0			
				3,495	1	0
				3,495	1	0

STATEMENT No. 11. *Pramathanath Bose Memorial*

From a sum gifted for

	Rs.	As.	P.	Rs.	As.	P.
To Balance as per Balance Sheet—						
Rs.800, 3½% G.P. Notes, 1842-43 } .. 1,000, „ „ 1865 }	1,756	2	0			
Surplus at date	456	4	0			
				2,212	6	0
				2,212	6	0

STATEMENT No. 12. *Joy Gobind Law Memorial*

From a donation for the purpose

	Rs.	As.	P.	Rs.	As.	P.
To Balance as per Balance Sheet—						
Rs.3,000, 3½% G.P. Notes, 1854-55	2,926	14	0			
Surplus at date	208	8	0			
				3,135	6	0
				3,135	6	0

Fund Account, in Account with R.A.S.B.

1943.

started in 1926.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			16,875	7	8
Interest realized during the year			489	0	0
Appreciation on Investments revalued on 31st December, 1943			498	12	0
				<hr/>		
				17,863	3	8

Fund Account, in Account with R.A.S.B.

1943.

1926, by Dr. U. N. Brahmachari.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			3,283	7	0
Interest realized during the year			104	12	0
Appreciation on Investments revalued on 31st December, 1943			106	14	0
				<hr/>		
				3,495	1	0

Fund Account, in Account with R.A.S.B.

1943.

the purpose in 1935.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			2,102	5	0
Interest realized during the year			45	15	0
Appreciation on Investments revalued on 31st December, 1943			64	2	0
				<hr/>		
				2,212	6	0

Fund Account, in Account with R.A.S.B.

1943.

in 1929, by Dr. Satya Churn Law.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			2,923	12	0
Interest realized during the year			104	12	0
Appreciation on Investments revalued on 31st December, 1943			106	14	0
				<hr/>		
				3,135	6	0

STATEMENT No. 13. Calcutta Science Congress Prize

	Rs. As. P.	Rs. As. P.
To Balance as per Balance Sheet—		
Rs.3,000, 3½% G.P. Notes, 1854-55	2,926 14 0	
Surplus at date	611 6 7	
		3,538 4 7
		3,538 4 7

STATEMENT No. 14.**Dr. Brühl Memorial**

From a sum gifted for the purpose in

	Rs. As. P.	Rs. As. P.
To Cost of a Medal .. ..	....	9 10 0
Balance Sheet—		
Rs.1,000, 3½% G.P. Notes, 1854-55	975 10 0	
Surplus at date	246 1 0	
		1,221 11 0
		1,231 5 0

STATEMENT No. 15.**Dr. Bimala Churn Law**

From a sum Gifted for the purpose

	Rs. As. P.	Rs. As. P.
To Depreciation, on Investments revalued on 31st December, 1943 ..	....	195 0 0
Balance as per Balance Sheet—		
Rs.8,000, 3½% G.P. Notes, 1865..	7,805 0 0	
Surplus at date	465 0 0	
		8,270 0 0
		8,465 0 0

STATEMENT No. 16.**Sarat Ch. Roy Medal**

From a sum Gifted

	Rs. As. P.	Rs. As. P.
To Balance as per Balance Sheet	4,250 0 0
		4,250 0 0

Fund Account, in Account with R.A.S.B.

1943.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			3,326	10	7
Interest realized during the year			104	12	0
Appreciation on Investments revalued on 31st December, 1943..			106	14	0
				<u>3,538</u>	<u>4</u>	<u>7</u>

Fund Account, in Account with R.A.S.B.

1943.

1929, by the Brühl Farewell Committee.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			1,160	15	0
Interest realized during the year			34	12	0
Appreciation on Investments revalued on 31st December, 1943			35	10	0
				<u>1,231</u>	<u>5</u>	<u>0</u>

Gold Medal Fund Account, in Account with R.A.S.B. 1943.

by Dr. B. C. Law.

	Rs.	As.	P.	Rs.	As.	P.
By Investment Account—						
Amount received from Dr. B. C. Law as Donation $3\frac{1}{2}\%$ G.P. Notes, 1865			8,000	0	0
Cash Donation			465	0	0
				<u>8,465</u>	<u>0</u>	<u>0</u>

Fund Account, in Account with R.A.S.B.

1943.

by Mrs. S. C. Roy for the purpose.

	Rs.	As.	P.	Rs.	As.	P.
By Donation received during the year			4,250	0	0
				<u>4,250</u>	<u>0</u>	<u>0</u>

STATEMENT No. 17.

Building Repair

		Rs. As. P.	Rs. As. P.
To Repairs during the year	370 9 6
Balance as per Balance Sheet	6,411 2 6
			<u>6,781 12 0</u>

STATEMENT No. 18.

Provident Fund

From contributions by the

		Rs. As. P.	Rs. As. P.
To Payments during the year ..	..	....	2,363 12 4
Cost of a stamp ..	..	....	0 1 0
Balance as per Balance Sheet—			
Rs.6,000, 3½% G.P. Notes, 1900-01		5,853 12 0	
Rs.5,200, 3% G.P. Notes, 1963-65		5,148 0 0	
Savings Bank and Advances ..	..	8,112 10 0	
		<u>19,114 6 0</u>	
			<u>21,478 3 4</u>

STATEMENT No. 19.

Advances Account,

		Rs. As. P.	Rs. As. P.
To Balance from last Account	3,522 0 0
Payments during the year	1,229 0 0
			<u>4,751 0 0</u>

Fund Account, in Account with R.A.S.B.

1943

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			5,281	12	0
Transfer from R.A.S.B. General Fund			1,500	0	0
				<u>6,781</u>	<u>12</u>	<u>0</u>

Account, in Account with R.A.S.B.

1943

Society and its Staff.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account ..	....			19,383	9	4
Interest realized during the year ..	86	1	0			
Staff Contribution for the year ..	615	1	0			
Society's Contribution for the year ..	615	1	0			
				<u>1,316</u>	<u>3</u>	<u>0</u>
Interest realized from Savings Bank ..	....			405	15	0
Appreciation on Investments revalued on 31st December, 1943 ..	....			392	8	0
				<u>21,478</u>	<u>3</u>	<u>4</u>

in Account with R.A.S.B.

1943.

	Rs.	As.	P.	Rs.	As.	P.
By Refunds during the year			2,095	0	0
Balance as per Balance Sheet			2,656	0	0
				<u>4,751</u>	<u>0</u>	<u>0</u>

STATEMENT No. 20.

Personal

	Rs. As. P.	Rs. As. P.
To Balance from last Account ..	....	3,941 11 6
Advances ..	....	3,098 6 10
Unclaimed Credit Balances written back ..	24 0 0	
R.A.S.B.'s Subscriptions, etc. ..	12,181 0 0	
Book Sales, etc. ..	6,029 2 0	
		18,234 2 0

25,274 4 4

STATEMENT No. 21.

Publication Fund Account,

	Rs. As. P.	Rs. As. P.
To Books returned	33 3 0
Journal and Proceedings	5,302 4 3
Balance as per Balance Sheet	11,202 6 6

16,537 13 9

STATEMENT No. 22.

A.R.P. Fund Account,

From a sum donated by His Excellency the Governor of Bengal in
Members of

	Rs. As. P.	Rs. As. P.
To Refund	5 0 0
Transfer to General Fund	2,005 0 0
" to Oriental Publication Fund		
No. 1 Account	1,337 6 0
" to Sanskrit Manuscript Fund		
Account	5,346 4 0
		8,693 10 0

Account.

1943.

		Rs.	As.	P.	Rs.	As.	P.
By Cash Receipts during the year			18,980	12	10
Books returned			33	3	0
Bad Debts written off, R.A.S.B.			1,423	2	0
Balance as per Balance Sheet			4,837	2	6

Outstandings.	Amount due to the Society.			Amount due by the Society.		
	Rs.	As.	P.	Rs.	As.	P.
Members ...	3,306	0	0	488	13	0
Subscribers, etc.	2,008	1	6	10	2	6
Bill Collector's						
Deposit ...	...	...	...	10	0	0
Miscellaneous ...	204	13	0	8	12	6
	5,518	14	6	681	12	0

25,274 4 4

in Account with R.A.S.B.

1943.

		Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account	..	....			7,394	5	3
Government Grant	..	....			1,600	0	0
Book Sales, etc. ...	..	6,029	2	0			
Cash Sale of Publications	..	1,514	6	6			
					7,543	8	6
					16,537	13	9

in Account with R.A.S.B.

1943.

1942 and contributions made by the Government of Bengal and the Society.

		Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			8,352	10	0
Contributions received during the year			341	0	0
					8,693	10	0

STATEMENT No. 23. *Discussion Meeting Fund Running*

From sale proceeds

		Rs. As. P.	Rs. As. P.
To Balance from last Account	53 14 0
Contingent charges (tea, etc.)	498 0 3
			<hr/>
			551 14 3
			<hr/>

STATEMENT No. 24. (1) *Deposit Account (Savings Bank)*

		Rs. As. P.	Rs. As. P.
To Balance from last Account	..	....	5,232 5 4
Deposit of Interest realized from loans during the year	..	86 1 0	
Deposit of Contributions during the year	..	1,230 2 0	
Deposit of Advances returned	..	2,095 0 0	
		<hr/>	3,411 3 0
Interest for the year	..	....	405 15 0
			<hr/>
			9,049 7 4
			<hr/>

STATEMENT No. 25. (2) *Deposit Account (Fixed Deposit)*

		Rs. As. P.	Rs. As. P.
To Balance from last Account	30,000 0 0
			<hr/>
			30,000 0 0
			<hr/>

Account, in Account with R.A.S.B.

1943.

of Tickets.

		Rs. As. P.	Rs. As. P.
By Sale of Tickets	245 0 0
Balance as per Balance Sheet	306 14 3
			<hr/>
			551 14 3
			<hr/>

Deposit with Imperial Bank of India).

1943.

		Rs. As. P.	Rs. As. P.
By Withdrawal for Staff Advances, etc.			3,592 12 4
Cost of a stamp	0 1 0
Balance as per Balance Sheet	5,456 10 0
			<hr/>
			9,049 7 4
			<hr/>

with Imperial Bank of India).

1943.

		Rs. As. P.	Rs. As. P.
By Balance as per Balance Sheet	30,000 0 0
			<hr/>
			30,000 0 0
			<hr/>

STATEMENT No. 26.

(3) Investments

				Rs.	As.	P.
To Balance from last Account	..	..	..	3,15,237	6	0
Received during the year	..	..	..	8,000	0	0
Appreciation Investments revalued on 31-12-1943	..	..	..	11,081	6	0
				3,34,318	12	0

Face Value Rs.	FUNDS.	Rate @ Rs. %	31st December, 1943, Valuation.	31st December, 1942, Valuation including *re-ceipts during the year.	Appreciation or *Depreciation.
			Rs.	A. P.	Rs. A. P.
	ROYAL ASIATIC SOCIETY OF BENGAL.				
	PERMANENT RESERVE.				
16,700	3½% G.P. Notes, 1842-43				
1,58,700	3½% G.P. Notes, 1854-55				
44,800	3½% G.P. Notes, 1885				
6,000	3½% G.P. Notes, 1879				
38,000	3½% G.P. Notes, 1900-01				
2,58,700	3% G.P. Notes, 1896-97	97/9/-	2,47,516	1 0	2,38,478 0 0
500	3% G.P. Notes, 1896-97	84/12/-	423	12 0	408 12 0
	TEMPORARY RESERVE.				
12,000	3½% G.P. Notes, 1900-01	97/9/-	11,707	8 0	11,280 0 0
11,400	4½% Loan, 1955-60	115/10/-	13,151	4 0	12,988 14 0
5,000	8% War Loan, 1951-54	100/0/-	5,000	0 0	4,693 12 0
	ORIENTAL PUBLICATION FUND No. 1.				
5,000	8% War Loan, 1951-54	100/0/-	5,000	0 0	4,998 12 0
	BARCLAY MEMORIAL FUND.				
700	3½% G.P. Notes, 1854-55	97/9/-	682	15 0	658 0 0
	SERVANTS' PENSION FUND.				
3,000	3½% G.P. Notes, 1854-55	97/9/-	2,926	14 0	2,820 0 0
	ANNANDALE MEMORIAL FUND.				
4,000	3½% G.P. Notes, 1854-55	97/9/-	3,902	8 0	3,760 0 0
	PERMANENT LIBRARY ENDOWMENT FUND.				
14,000	3½% G.P. Notes, 1854-55	97/9/-	13,658	12 0	13,160 0 0
	SIR WILLIAM JONES MEMORIAL FUND.				
3,000	3½% G.P. Notes, 1854-55	97/9/-	2,926	14 0	2,820 0 0
	PRAMATHANATH BOSE MEMORIAL FUND.				
800	3½% G.P. Notes, 1842-43	97/9/-	1,756	2 0	1,692 0 0
1,000	3½% G.P. Notes, 1865				
	JOY GOBIND LAW MEMORIAL FUND.				
3,000	3½% G.P. Notes, 1854-55	97/9/-	2,926	14 0	2,820 0 0
	CALCUTTA SCIENCE CONGRESS PRIZE FUND.				
3,000	3½% G.P. Notes, 1854-55	97/9/-	2,926	14 0	2,820 0 0
	DR. BRÜHL MEMORIAL FUND.				
1,000	3½% G.P. Notes, 1854-55	97/9/-	975	10 0	940 0 0
	DR. BIMALA CHURN LAW GOLD MEDAL FUND.				
8,000	3½% G.P. Notes, 1865	97/9/-	7,905	0 0	*8,000 0 0
	PROVIDENT FUND.				
5,200	3% Loan (1968-65)	99/0/-	5,148	0 0	4,969 4 0
6,000	3½% G.P. Notes, 1900-01	97/9/-	5,853	12 0	5,640 0 0
3,40,800			3,34,318	12 0	3,15,237 6 0
					*8,000 0 0
					11,276 6 0
					*195 0 0

*Account.**1943.*

			Rs.	As.	P.
By Balance as per Balance Sheet	..	..	3,34,318	12	0

3,34,318 12 0

STATEMENT No. 27.

Cash

For the year ended 31st

To	Rs. As. P.	Rs. As. P.
Balance from last Account	23,080 11 11
General Fund Account	32,722 4 6
Oriental Publication Fund No. 1 Account	7,912 6 0
Oriental Publication Fund No. 2 Account	4,800 0 0
Sanskrit Manuscripts Fund Account	6,080 0 0
Arabic and Persian Fund Account	2,500 0 0
Barclay Memorial Fund Account	24 4 0
Servants' Pension Fund Account	104 12 0
Annandale Memorial Fund Account	138 8 0
Permanent Library Endowment Fund Account	489 0 0
Sir William Jones Memorial Fund Account	104 12 0
Pramathanath Bose Memorial Fund Account	45 15 0
Joy Gobind Law Memorial Fund Account	104 12 0
Calcutta Science Congress Prize Fund Account	104 12 0
Dr. Brühl Memorial Fund Account	34 12 0
Dr. Bimala Churn Law Gold Medal Fund Account	465 0 0
Sarat Ch. Roy Medal Fund Account	4,250 0 0
Provident Fund Account	1,316 3 0
Advances Account	2,095 0 0
Personal Account	18,980 12 10
Publication Fund Account	3,114 6 6
A.R.P. Fund Account	341 0 0
Discussion Meetings Fund Running Account	245 0 0
Savings Bank Deposit Account, Imperial Bank of India, Calcutta	3,592 12 4
		<hr/>
		1,12,597 0 1

Account.

1943.

December, 1943.

By	Rs. As. P.	Rs. As. P.
General Fund Account	37,797 5 6
Oriental Publication Fund No. 1 Account..	3,788 13 3
Sanskrit Manuscripts Fund Account	3,180 14 3
Arabic and Persian Manuscripts Fund Account	692 14 3
Servants' Pension Fund Account	132 0 0
Annandale Memorial Fund Account	343 6 0
Dr. Brühl Memorial Fund Account	9 10 0
Building Repair Fund Account	370 9 6
Provident Fund Account	2,363 12 4
Advances Account	1,229 0 0
Personal Account	3,098 6 10
Publication Fund Account	5,302 4 3
A.R.P. Fund Account	5 0 0
Discussion Meetings Running Account	498 0 3
Savings Bank Deposit Account, Imperial Bank of India	3,411 3 0
Balance as per Balance Sheet— In hand	51 10 6
With the Imperial Bank of India, on Current Account	50,322 2 2

1,12,597 0 1

STATEMENT No. 28.

Balance

As at 31st

LIABILITIES.

	Rs. As. P.	Rs. As. P.
General Fund Account	3,05,078 13 11
Oriental Publication Fund No. 1 Account	21,817 10 6
Sanskrit Manuscripts Fund Account	17,685 13 8
Barclay Memorial Fund Account	816 8 9
Servants' Pension Fund Account	3,683 4 8
Annandale Memorial Fund Account	4,598 14 9
Permanent Library Endowment Fund Account	17,863 3 8
Sir William Jones Memorial Fund Account	3,495 1 0
Pramathanath Bose Memorial Fund Account	2,212 6 0
Joy Gobind Law Memorial Fund Account	3,135 6 0
Calcutta Science Congress Prize Fund Account	3,538 4 7
Dr. Brühl Memorial Fund Account	1,221 11 0
Dr. Bimala Churn Law Gold Medal Fund Account	8,270 0 0
Sarat Ch. Roy Medal Fund Account	4,250 0 0
Building Repair Fund Account	6,411 2 6
Provident Fund Account	19,114 6 0
Publication Fund Account	11,202 6 6
Personal Account—Sundry Liabilities	681 12 0
		<hr/>
		4,35,076 13 6

We have examined the above Balance Sheet and the appended detailed accounts with the Books and Vouchers presented to us and certify that they are in accordance therewith, and, in our opinion, set forth correctly the position of the Society as at 31st December, 1943.

PRICE, WATERHOUSE, PEAT & Co.,

Calcutta,
29th January, 1944.

Auditors,
Chartered Accountants,
Registered Accountants.

Sheet.

1943.

December, 1943.

ASSETS.

	Rs.	As.	P.	Rs.	As.	P.
Oriental Publication Fund No. 2 Account	6,292	12	7			
Arabic and Persian Manuscripts Fund Account	153	1	6	6,445	14	1
Advances Account	2,656	0	0			
Personal Account—Sundry Outstandings ..	5,518	14	6	8,174	14	6
Discussion Meetings Fund Running Account	....			306	14	3
Deposits:—						
Savings Bank Deposit Account, Imperial Bank of India	5,456	10	0			
Fixed Deposit Account, Imperial Bank of India	30,000	0	0	35,456	10	0
Investments Account .. .. .	....			3,34,318	12	0
Cash Account:—						
In hand	51	10	6			
With the Imperial Bank of India, on Current Account	50,322	2	2	50,373	12	8
				4,35,076	13	6

C. W. GURNER,
Honorary Treasurer.

[APPENDIX III.]

Abstract Proceedings, Council, 1943.

(Rule 48 f.)

ANNIVERSARY (160th).—Letter from Dr. N. P. Chakravarti, Dy. Director of Archaeology in connection with the celebration of the 160th Anniversary of the Society. Approve proposal for the celebration of the 160th Anniversary of the Society in February 1944.

A committee, consisting of the *ex-officio* members, Dr. M. N. Saha, Dr. S. K. Chatterji, Dr. M. Z. Siddiqi, Dr. R. C. Majumdar, Dr. J. B. Grant, Dr. S. L. Hora, Mr. Justice Edgley and Mr. W. D. West be constituted with power to co-opt additional members, if necessary, to work out the details of the celebrations and prepare a programme for consideration of the Council. Council No. 6. 19-4-43.

Recommendations of the 160th Anniversary Special Committee of 14-5-43. At the outset, the General Secretary, submitted to the meeting letters received by him, containing resolutions of the Indian Science Congress Association, 30th Session, Calcutta (1943), in connection with the 160th Anniversary of the Society, from the Deputy Director-General of Archaeology, dated the 24th February, 1943, and from the General Secretary of the Indian Science Congress Association, dated the 4th May, 1943, together with a letter dated the 7th May, 1943, from Mr. W. D. West, a member of the Committee.

After discussion at length, the Committee felt that the 160th Anniversary of the Society be celebrated in some form or other in 1944 in view of the resolution adopted by the Council at their last meeting on the 19th April; but owing to the abnormal conditions existing at the present time it is not desirable to have the celebration on a grand scale in January 1944. The celebration should be postponed till January 1946, which would be suitable, as in that year falls the bi-centenary of the birth of Sir William Jones. Meanwhile preparations for the celebration in 1946 may be taken up.

It was resolved to submit the following programme for the celebration in 1944 for consideration of the Council:—

- (1) A series of lectures should be started, the first of which be on the 15th January, 1944, being the day of the 160th Anniversary of the Society, specially bearing on the life and work of such distinguished scholars, like Sir William Jones, James Prinsep, and such other illustrious men as had identified themselves with the Society's work during the last 160 years.
- (2) In conformity with the decision of the Council in 1941 to commemorate the centenary of James Prinsep, a medal or a prize, to be called after him, should be instituted by the Society to be awarded annually or biennially, for meritorious contributions to the study of Ancient Indian History, including epigraphy and archaeology. An attempt should also be made to raise funds, but a medal or a prize would be decided upon after sufficient amount has been collected for the purpose.
- (3) That a Commemoration Volume should be published showing the progress of scientific research in the domains of archaeology epigraphy, numismatics, linguistics, natural sciences,

etc., during the last 60 years subsequent to the publication of the Centenary Volume in 1884. The slips that have been prepared for publication of the Commemoration Volume for the 150th Anniversary, in 1934, should be supplemented by further slips containing the publications issued by the Society up to date.

Council order: Accept with modification in dates to synchronize with the bi-centenary of the Founder's birth. Council No. 5. 19-5-43.

Letter from Dr. S. K. Chatterji, dated 17 Nov., suggesting that Prof. Lo Ch'ang P'ei, Professor at the National University of Peking, be invited to attend the 160th Anniversary of the Society as a representative of the Academia Sinica. Invite. Council No. 20. 19-11-43.

The question of celebrating the 160th Anniversary of the foundation of the Society. Council Order: (1) Letter to be addressed to His Excellency the Governor of Bengal inviting him to preside over the meeting. (2) Letter to Prof. A. V. Hill requesting him to deliver a special lecture on the 2nd February, 1944, on the Royal Society on the occasion of the 160th Jubilee of the Royal Asiatic Society of Bengal. No. 20. 20-12-43.

The President reported receipt of a letter from Prof. A. V. Hill, Secretary of the Royal Society, London, dated 18-11-43, transmitting greetings to the Royal Asiatic Society of Bengal from the President of the Royal Society dated 28-10-43. He also reported that a suitable acknowledgment has been forwarded to Prof. Hill on behalf of the Society. Council Order: Record. (a) Dr. Saha be requested to make arrangements with Prof. Hill for his lecture to be delivered in the Society on Wednesday, the 2nd February, 1944. (b) Mr. N. R. Sarkar be thanked for kindly offering hospitality on behalf of the Society to Prof. Hill. No. 21. 20-12-43.

ANNUAL MEETING.—Enquiry from Government House whether the date of the Annual meeting can be changed from 1st February to any other date. Council Order: A polite letter be written to the Private Secretary to H.E. The Governor of Bengal pointing out that the Council have no power to fix the date of the Annual Meeting otherwise than in accordance with Rule 58(a). No. 14. 14-1-43.

Letter, dated 22-1-43, from the Additional Secretary to H.E. The Governor of Bengal addressed to the President, R.A.S.B., regarding the Annual Meeting in 1943. Record. It was resolved that the expedient adopted in 1937 was contrary to the Rules of the Society (58(a)) and should not be repeated. Special Council No. 1. 22-1-43.

The question of inviting the Acting Governor of Bengal to preside over the Annual Meeting in February, 1944. Invite. Council No. 12. 20-12-43.

ANNUAL REPORT.—Draft Annual Report of the Society for 1942. Approved with amendments. 150 copies only be printed for distribution at the Annual Meeting. Council No. 9. 14-1-43.

A.R.P. MEASURES.—Report payment to Messrs. Thos. Cook and Sons of their bill for removing packages containing publications to Nagpur—Rs.365-1-0. Payment approved. Fin. Com. No. 2. 14-1-43.

Report by the General Secretary of the action taken by him during the emergency period. Approved. It was also resolved that none of the menial staff who ran away and were dismissed should be re-appointed and that those who have been employed during the emergency period be appointed permanently. An effort also should be made to do with a smaller menial staff so that higher wages will not result in an increase in the amount formerly expended. Council No. 12. 14-1-43.

Estimate for erecting baffle walls, making a shelter room, etc., as A.R.P. measures from the Engineer to the Calcutta Improvement Trust. Accept the estimate, and the work to be taken in hand at once, meeting the cost from the General Fund for the present. A printed circular to be sent to all the members intimating them that the A.R.P. Fund started in 1942 will be closed towards the end of June, 1943. Fin. Com. No. 2. 19-4-43.

The ten paintings kept at the Government House at Darjeeling by the Lady Mary Herbert on behalf of the Society. Write to the Military Secretary to the present Governor concerning them with a view to get an undertaking from him with regard to the safety of the paintings. Council No. 19. 19-11-43.

Letters to and from the Military Secretary to H.E. The Governor of Bengal with regard to Society's paintings kept in the Government House at Darjeeling. Dr. Kalipada Biswas, Superintendent, Royal Botanic Garden, and a member of the Society, who is now stationed in Darjeeling be requested to inspect the paintings periodically as suggested by the Military Secretary, and the arrangement so made be communicated to the Military Secretary for his information. Council No. 1. 20-12-43.

Closing of the A.R.P. Fund Account started in 1941. The amount of Rs.8,688-10-0 realized as donations towards this fund be allocated proportionately to the following funds out of which the A.R.P. expenses were met:

1. Oriental Publication Fund No.	..	Rs. 1,337-6-0.
2. Sanskrit MSS. Fund	..	Rs. 5,346-4-0.
3. R.A.S.B. General Fund	..	Rs. 2,005-0-0.

Fin. Com. No. 3(c). 20-12-43.

ASSOCIATE MEMBERS.—Letter from Dr. S. K. Chatterji, dated 11-11-43, proposing the names of Mr. B. R. Ray and Rev. F. A. Peter as Associate Members of the Society. Accept the proposals. Propose the names for election to the next Ordinary General Meeting as prescribed in Rule 13. Council No. 17. 19-11-43.

BIBLIOTHECA INDICA.—Appointment of the Chairman and Secretary of the Committee in conformity with Rule No. 63. Chairman: Dr. S. P. Mookerjee. Secretary: Dr. Kalidas Nag. Bib. Ind. Com. No. 1. 14-5-43.

Report on the position of the Society's stock of saleable publications and their valuation prepared by Mr. D. Burman. Dr. N. Dutt be requested to scrutinize the report, after which the matter be brought up with specific proposals for consideration by the next meeting. Pub. Com. No. 3. 19-4-43.

The question of a general policy to be adopted with regard to the printing of works in the Bibliotheca Indica Series which are out of stock. President requested Dr. N. Dutt to read his report on the publications, and after due discussion it was ordered to be circulated with the following recommendations:

- (1) Vidhana Parijata which was left incomplete should be discarded;
- (2) Letter be written to Dr. Yazdani requesting him to complete the Index of Amal-i-Salih, and in case of his inability to do so, the Index be prepared by an assistant of Dr. Siddiqi;
- (3) Similarly, to write to Pt. M. Kaul of Srinagar to complete his notes and index to Kuttanamatam within two months, and if those be not forthcoming Dr. Dutt be requested to complete the index;
- (4) Mr. D. C. Chatterjee be requested to submit final copies of Mahavyutpatti to Dr. N. Dutt who announced that he had made definite engagement with him;
- (5) As regards the MS. of Padmavati now with the Inland Printers, they be asked to procure superior quality

of paper or medium quality if that be not available; (6) With regard to the work entrusted to the late Mr. Van Manen, named Vajjalaggam, his legal heir and Solicitors be approached with a view to recovering MSS., books, etc., if any, lent by the Society.

Suggestions for new publications scrutinized in the light of the detailed report submitted by Dr. Dutt.

Sir Jadunath Sarkar suggested that in case of taking up a new publication he would recommend the revised and critical edition of Ibn Batuta's Travels (Indian section), which has been thoroughly revised by Prof. Mahdi Hossain of the Agra University, and he be requested to send a portion of his work available in print (320 pp. in all). Bib. Ind. Com. No. 2. 14-5-43.

Report by Dr. Nalinaksha Dutt, Philological Secretary, on the Society's Bibliotheca Indica Series, etc. consisting of: (a) Co-ordination of Staff. Present arrangement to continue up to 31-1-44. Mr. Burman, appointed to hold charge of the Pub. Dept., to continue on the present terms and Mr. Gupta to act as a clerk in his Dept. Bearers and duffries be taken from the existing staff. (b) Advertisement. Advertisements be inserted in distinguished Oriental Journals. (c) Utilization of funds by Reprints. Ascertain which texts should be reprinted. Enquire whether any edition of the same has already been published elsewhere. Ascertain approximate cost of pending works in the Bibliotheca Indica Series. (d) Padmavati—approval of paper. Accept sample paper though slightly different. (e) Remuneration of Arabic and Persian Cataloguers. General Secretary to negotiate with Dr. A. Imam and Dr. A. B. M. Habibullah and suggest a reasonable figure. (f) Disposal of loose fascs. of incomplete texts at a discount. Dispose of at half price. (g) Selling of books at a general discount on the occasion of the Jubilee. Grant 40% discount to booksellers and to members and 25% to non-members for the period 1st August, 1943 to 31st January, 1944. (h) Constitution of the Bibliotheca Indica Committee. Co-option of three experts be considered at the next meeting. (i) Printing of Astronomy and Philosophy Catalogues, pt. I. Call for rates with specimen pages for remaining portions of the Astronomy and Philosophy Catalogues. (j) Incomplete books. Of the 8 incomplete books (i) Vidhana Parijata be written off. (ii) Philological Secretary to report whether the remaining seven incomplete works are worth completing or not, and whether any of these works have been published elsewhere. (iii) Call for report on the progress of works already allotted. (k) Publication of incomplete works. Noted General Secretary's report that Tirthakalpa and Catalogue of Tantra MSS. have been completed and published, and Kuttanimatam Kavyam and Mahavyutpatti have been completed. Pub. Com. No. 1. 16-7-43.

Letter from Prof. N. C. Vedantatirtha requesting payment of editing fee for Sanskrit MS. Catalogue—Philosophy, which is in the press. Pay for the present editing fee of Rs.1-8-0 per page for the 112 pages already print-ordered; enquire from the printers as to the period within which they would finish printing the complete volume. Fin. Com. No. 1. 24-8-43.

Plan of completing the set of old publications with some fascicles now out of print. Enquire the advisability of publishing a revised edition of Astasahasrika Pragnāpāramitā from Drs. N. Dutt and P. C. Bagchi. Bib. Ind. Com. No. 3. 6-9-43.

Revised edition of publications now out of print but still in demand. List of books out of print analyzed. Revised edition of Vols. II and III of Ain-i-Akbari to be undertaken under the editorship of Sir Jadunath Sarkar. Bib. Ind. Com. No. 4. 6-9-43.

Mr. Dugin's letter requesting the Society to undertake the publication of 'Mirasadul-Idad'. Mr. Dugin be replied that (1) the book has already been printed, and (2) no photostat copies of MSS. can be procured from England at the present time. Bib. Ind. Com. No. 5. 6-9-43.

Letter from Dr. B. Prashad regarding the completion of Maathir-ul-Umara. Record with thanks to Dr. Prashad. Bib. Ind. Com. No. 7. 6-9-43.

The question of printing the Ain-i-Akbari, Vols. II and III. It was resolved to recommend to the Council for taking up the printing of the revised edition of Vols. II and III of the Ain-i-Akbari and to entrust the work of editing to Sir Jadu Nath Sarkar who has volunteered to undertake it for the Society. On the proposal of Prof. Haq a vote of thanks to Sir Jadu Nath Sarkar was recorded for his generous offer. It was decided to entrust the work of printing when the press-copy is ready to Messrs. The General Printers and Publishers, Ltd., Calcutta, whose quotation has been found to be the lowest. Bib. Ind. Com. No. 1. 25-10-43.

The question of taking up the publication of Lalitavistara as suggested by Dr. B. C. Law. Recommend to the Council for printing, in the first instance, English Translation, based upon the recent revised texts. Bib. Ind. Com. No. 3. 25-10-43.

Report on completion of printing of Doctrine of Nimbarka (the book is in 3 volumes). Record. Bib. Ind. Com. No. 4. 25-10-43.

Report on completion of printing of Vajjalaggam. Issue after printing the Introduction. Bib. Ind. Com. No. 5. 25-10-43.

It was also recommend to the Council that a fascicle of Haft-Iqlim (Persian text) be issued under the editorship of Prof. Mahfuz-ul Haq in continuation of the last printed fascicle (namely the third), contained in that section. Bib. Ind. Com. No. 6. 25-10-43.

CATALOGUES.—Report on the Descriptive Catalogue of Sans. MSS., Vol. VIII, and a letter from the editor, Prof. C. Chakravarti, with regard to its introduction. (a) The Introduction and Contents be inserted in the Tantra Catalogue already published. (b) Prof. Chakravarti be informed that, in view of the recent correspondence with the Govt. of Bengal regarding grants for the preservation, cataloguing, etc. of Sanskrit MSS., and of the earlier volumes still remaining unpublished, the Publication Committee rescinds its previous decision with regard to the editing of the Miscellaneous volumes (Vols. XIII and XIV) of the Catalogues entrusted to him. Pub. Com. No. 4. 19-4-43.

The question of fixing rates for printing Sanskrit MSS. catalogues. Obtain estimates from other presses and bring the matter for consideration by the next meeting. Pub. Com. No. 1. 6-9-43.

Materials for a Supplement to the Catalogue of Vernacular MSS. in the Society's collection prepared by Mr. Prafulla Chandra Pal. To be printed. Pub. Com. No. 7. 17-12-43.

Letter from Dr. M. Z. Siddiqi, Joint Philological Secretary, dated 21-8-43, suggesting the fixing of remuneration for cataloguing the Arabic and Persian manuscripts at Rs.5 per printed page. Refer to the Bibliotheca Indica Committee for consideration. Council No. 13. 24-8-43.

Report of Jt. Phil. Secretary on the rate for cataloguing the Persian and Arabic MSS. Accept the recommendation, Rs.5 per printed page. Bib. Ind. Com. No. 2. 6-9-43.

Consideration of the note for cataloguing the Arabic MSS. referred back by the Council for the consideration of the Finance Committee. Accept the Jt. Phil. Secretary's recommendation. Rs.5 per printed page. Fin. Com. No. 2. 25-10-43.

The General Secretary placed before the meeting the joint letter from Drs. Imam and Habibullah regarding Islamic MSS. cataloguing work. Jt. Phil. Secretary recommended acceptance of terms of the cataloguers referring to the next Bibliotheca Indica Committee to settle details of work. Accept Dr. Siddiqi's recommendation. Council No. 22. 20-12-43.

COUNCIL.—Letter from Mr. C. W. Gurner, Honorary Treasurer, intimating absence from Calcutta for a month from 19-4-43 and requesting arrangement to be made to carry on his duties during the absence. The Hon'ble Mr. Justice Edgley be authorized to officiate as Honorary Treasurer during the absence of Mr. Gurner, from Tuesday, the 20th April, 1943, until notification of his return to Calcutta and resumption of office. Fin. Com. No. 4. 19-4-43.

Letter, dated 11-4-43, from the Library Secretary, Dr. S. L. Hora (referred to the Council by the Library Committee). (a) Accept the resignation of Dr. Hora as Library Secretary and thank him for the services rendered by him to the Society as such. (b) Dr. R. C. Majumdar, Hist. and Arch. Secretary, be appointed Library Secretary along with his own duties in place of Dr. Hora, who will remain a member of Council subject to confirmation by the Ordinary General Meeting as prescribed in Rule 46. Council No. 8. 19-4-43.

Letter from Dr. B. C. Law resigning his seat on the Council and Committees of the Society. Dr. Law be requested to withdraw his resignation. Council No. 14. 19-5-43.

Letter from Dr. B. C. Law withdrawing his letter of resignation. Record. Council No. 10. 21-6-43.

Consideration of composition of Council for 1944-45. Resolved that the following names be declared as Council candidates for election to next year's Council, and that the list be ordered to be issued to the Resident Members as prescribed in Rule 44:

President	..	..	Dr. S. P. Mookerjee.
Vice-President	..	..	Dr. M. N. Saha.
"	..	..	Dr. S. C. Law.
"	..	..	The Hon'ble Mr. Justice N. G. A. Edgley.
"	..	..	Dr. R. C. Majumdar
General Secretary	..	..	Dr. Kalidas Nag.
Treasurer	..	..	Mr. C. W. Gurner.
Philological Secretary	..	..	Dr. N. Dutt.
Joint Philological Secretary	..	..	Dr. M. Z. Siddiqi.
Biological Secretary	..	..	Dr. S. P. Agharkar.
Physical Science Secretary	..	..	Dr. K. N. Bagchi.
Anthropological Secretary	..	..	Dr. W. G. Griffiths.
Hist. and Archaeological Secretary	..	..	Dr. B. C. Law.
Medical Secretary	..	..	Dr. J. B. Grant.
Library Secretary	..	..	Dr. R. C. Majumdar.
Member of Council	..	..	Dr. S. L. Hora.
"	..	..	Mr. L. R. Fawcus.
"	..	..	Mr. Percy Brown.
"	..	..	Dr. M. Ishaque.
"	..	..	Mr. W. D. West
"	..	..	Mr. K. P. Khaitan.

Council No. 19. 20-12-43.

COMMITTEES.—Constitution of the various Committees of the Society, viz. (a) Library, (b) Publication, (c) Finance, (d) Bibliotheca Indica, and (e) Programme Committees. The Committees be constituted as follows:

Finance: President, General Secretary, Honorary Treasurer (*Ex-officio*), Sir John Lort-Williams, The Hon'ble Mr. Justice N. G. A. Edgley, Dr. S. L. Hora and Mr. Percy Brown. (Chairman: President. Secretary: General Secretary.) Council No. 6. 16-2-43.

Library: President, General Secretary, Honorary Treasurer, Philological, Jt. Philological, Natural History (Biology), Natural History (Physical Science), Anthropological, Historical and Archaeological Medical

and Library Secretaries (*Ex-officio*), Sir John Lort-Williams and Khan Bahadur K. M. Asadullah. Council No. 16-2-43. (Chairman: Dr. R. C. Majumdar; Secretary: Dr. Kalidas Nag. Lib. Com. No. 1. 12-3-43.)

Publication.—President, General Secretary, Honorary Treasurer, Philological, Jt. Philological, Natural History (Biology), Natural History (Physical Science), Anthropological, Historical and Archaeological, Medical and Library Secretaries (*Ex-officio*), Dr. S. K. Chatterji and Dr. B. C. Law. Council No. 6. 16-2-43. (Chairman: Dr. S. P. Mookerjee. Secretary: Dr. N. Dutt. Pub. Com. No. 1. 12-3-43.)

Bibliotheca Indica.—President, General Secretary, Honorary Treasurer (*Ex-officio*), Dr. S. K. Chatterji, Philological and Jt. Philological Secretaries, Dr. B. C. Law, Sir Jadu Nath Sarkar and Dr. M. Ishaque. Council No. 6. 12-3-43.

Co-option of new members on the Bibliotheca Indica Committee as suggested in the Report of Dr. Dutt. Recommend the co-option of Dr. Satkori Mookerjee, Dr. P. C. Bagchi, Prof. M. M. Haq as additional members on the Bibliotheca Indica Committee. Bib. Ind. Com. No. 1. 6-9-43. (Chairman: Dr. S. P. Mookerjee, Secretary: Dr. Kalidas Nag. No. 1. 14-5-43.)

Programme Committee.—President, General Secretary, Honorary Treasurer (*Ex-officio*), Sir John Lort-Williams, The Hon'ble Mr. Justice N. G. A. Edgley, Dr. K. N. Bagchi, Mr. L. R. Fawcett, Dr. W. G. Griffiths, Mr. Percy Brown and Dr. R. C. Majumdar. Council No. 6. 16-2-43. (Chairman: The Hon'ble Mr. Justice N. G. A. Edgley. Secretary: Dr. Kalidas Nag. Prog. Com. No. 1. 12-3-43.)

DISCUSSION MEETINGS.—Report by the General Secretary of over-expenditure in connection with the Discussion Meeting Tea. Recommend to the Council for an additional grant of Rs.100 from the Society's General Fund for 1943. Fin. Com. No. 8. 21-6-43.

Letter from Lt.-Col. C. P. Hancock, O.B.E., Resident for the Eastern States, Calcutta, dated 3-8-43, addressed to the Hon'ble Mr. Justice Edgley. The Hon'ble Mr. Justice Edgley to write to Col. Hancock accepting the offer intimating to him at the same time that the talk should be confined purely to the History of the Indian States avoiding all political issues and that no travelling expenses will be paid to the speaker who may be deputed by the Chamber of Princes. Prog. Com. No. 2. 12-8-43.

Recommendations of the Programme Committee of 5-11-43. Note by the Hon'ble Mr. Justice Edgley on certain proposals contained in a letter addressed to him by Sir Cyril Fox, Kt., dated 29-8-43.

The Committee considered the proposals contained in the note of the Hon'ble Mr. Justice Edgley of 2-9-43, based on the suggestions made in Sir Cyril Fox's letter dated the 29-8-43 and they unanimously recommend the following proposals for adoption by the Council:—(1) That weekly Discussion Meetings be held at 6-30 p.m., instead of fortnightly meetings at 5-30. (2) That Tea will not ordinarily be provided at these meetings except on such occasions as the Programme Committee may regard as special. (3) That the military authorities will ordinarily be asked to provide two speakers every month, the other speakers being arranged as before by the Programme Committee. (4) That it must of course be understood that the subjects chosen for the meetings should not be such as are likely to involve any political or religious controversy. (5) That ordinarily the opener's speech should not exceed half an hour except in the case of subjects illustrated by lantern slides when the duration should not ordinarily exceed 50 minutes. (6) That steps should be taken to give adequate publicity to this branch of the Society's work. Posters should be placed at the gate of the Society and at such other places as may be approved by the Programme Committee. (7) That the military authorities should again be informed that members of the Allied Forces

stationed in and in the vicinity of Calcutta are welcome to make use of the Society's library during the regular office hours. (8) That further lists of such members of the Society who will be prepared to meet the officers and men of the Army be printed and circulated to the various units in Calcutta. (9) That a special effort should be made by the Programme Committee to secure speakers (both military and civilian) who will be able to speak on interesting and attractive subjects of general interest. Council Order: Accept. With regard to the recommendation that Tea will not ordinarily be provided at the Discussion Meetings, it should be changed to: 'If anybody wants Tea, he should give two days' notice to the Superintendent'. Council No. 9. 19-11-43.

Provision of money for meeting contingency expenses in connection with the Discussion Meetings in 1944. Provide a sum of Rs.500 from the General Fund of the Society. Fin. Com. No. 13. 20-12-43.

ELLIOTT PRIZE.—Recommendations of the Trustees of the Elliott Prize for Scientific Research with regard to the awards for 1941 and 1942. Accept the recommendations. Dr. M. C. Nath of the Dacca University be awarded the prize for Chemistry for 1941, and that no prize for Physics be awarded for 1942. Council No. 8. 14-1-43.

EXCHANGES.—Request for an exchange of the Society's Journal with the Journal of the Numismatic Society of India from the Editors of the Journal, Bombay. Exchange with Journal (Letters), beginning with Vol. VI so as to get the Numismatic Journal from Vol. I for the Society's Library. Lib. Com. No. 2. 12-3-43.

Letter, dated 6-2-43, from the Director, Deccan College Post-Graduate and Research Institute, Poona, requesting an exchange of the Society's catalogues of manuscripts with those of the Institute. Decline; the Director be offered 33½% discount on the sale price of the catalogue of manuscripts. Lib. Com. No. 3. 12-3-43.

Request from the Librarian, University of Ceylon, for an exchange of the Society's Journal with the University of Ceylon Review. Grant; exchange with the Letters part of the Journal from 1944. Lib. Com. No. 3. 25-10-43.

Request from the Jt. Hon'y. Secretary, Geological, Mining and Metallurgical Society of India for an exchange of the Society's Journal with the Quarterly Journal of the Geological, Mining and Metallurgical Society. Grant; exchange with the Science part of the Journal from 1944. Lib. Com. No. 4. 25-10-43.

Request from the Registrar, Calcutta University, for exchange of publications. Grant in respect of publications of all kinds. Lib. Com. No. 2. 17-12-43.

Request from the Chief Editor, Journal of the Ganganatha Jha Research Institute, for an exchange of the Society's Journal with the Quarterly Journal of the Institute. Grant; exchange with the Letters part of the Journal from 1944. Lib. Com. No. 3. 17-12-43.

FELLOWS.—Recommendations of the meeting of the Resident Fellows of 6-1-43. Accept; put up the names of Mr. A. F. M. Abdul Ali and Sir J. C. Ghosh for election at the Annual Meeting in conformity with Nos. 17 and 18 of the 'Regulations regarding the Election of Fellows'. Council No. 7. 14-1-43.

Recommendations of the meeting of the Resident Fellows on 18-6-43. No. 3. The election of Fellows for the year was considered, and it was decided that: (a) For the duration of the war, in order to get the nomination and voting papers from abroad, it be recommended to the Council that the meetings contemplated in Regulations 2 and 8 should be held in February instead of June, and within the fortnight preceding the 7th of August instead of October respectively. (b) Practices followed with

regard to the issuing of Nomination and Voting papers during the last two years should also be placed before the Council for consideration for making the necessary amendments in the relevant Regulations. Council order: Accept. Report the changes in the Fellowship Regulations recommended by the meeting of the Resident Fellows for information of the next Ordinary Monthly Meeting as prescribed in Rule 48(a). No. 12. 21-6-43.

FINANCE.—Recommendations of the Finance Committee of 14-1-43. Accept. With a view to equalize the pay of the permanent bearers with that of the bearers newly appointed, it was resolved to raise the salary of the four permanent bearers from Rs.15 to Rs.16 per month so that their salary and food allowance will total Rs.20. Council No. 4. 14-1-43.

Applications from menials and staff, R.A.S.B., for supply of food materials at reduced rate or an increase in grain allowance in lieu thereof. Purchase rice for a month for distribution to the members of staff at controlled price in the first instance, and prepare a scheme for the future. Fin. Com. No. 4. 16-3-43.

Report on distribution of rice to menials and staff of the Society and consideration of a scheme for the supply of food materials to staff. (a) Distribution of rice to be discontinued for the time being. (b) An additional food allowance of Rs.3 be granted to all employees of the Society drawing a salary of Rs.30 and under with effect from 1-4-43 and the matter be brought up again for review by the next meeting. Fin. Com. No. 3. 19-4-43.

The question of food allowance and a review of the matter as directed by the last Finance Committee (also applications from staff and menials for an increase in food allowance). An extra food allowance of Rs.3 be granted to all employees of the Society for the month of May and the allowance be paid immediately as a measure of relief; the question of food allowance be brought up again for review by the next meeting. Fin. Com. No. 3. 19-5-43.

Application from staff requesting postponement of monthly payments of Provident Fund loans owing to the abnormal rise in price of food materials and other commodities. The period of repayment of existing loans be doubled for the time being. Fin. Com. No. 5. 19-5-43.

A review of food allowance to staff as directed by the last Finance Committee (an application from the employees of the Society). Continue the present arrangement for one month (July) and bring the question again for review by the next meeting. Fin. Com. No. 4. 21-6-43.

A review of the present food situation and the allowance to staff, as directed by the last Finance Committee (applications from the staff and menials regarding enhancement of dearness allowance). Purchase 10 maunds of rice at Rs.30 per maund and distribute to the menial staff at Rs.12 per maund for a month. The question of food allowance be brought up again for review by the next meeting. Fin. Com. No. 4. 29-7-43.

The question of food allowance to the staff and a review of the matter as directed by the last Finance Committee (also application from the Junior staff dated 19-8-43 for enhancement of food allowance). Continue the existing allowance for the present; the matter be brought up again for review by the next meeting. Fin. Com. No. 3. 24-8-43.

The question of food allowance to the staff and a review of the matter as directed by the Finance Committee. (1) The office should furnish Dr. Hora with all recommendations of the Finance Committee and orders of the Council with regard to the granting of food allowance to the staff from the beginning to the present time for information. (2) The food allowance of menials drawing a salary of Rs.34 and under, should be reduced from Rs.10 to Rs.8 only and supplying them with 15 seers of rice

each at the controlled rate of Rs.16 per maund. (3) The clerical staff should continue receiving the existing allowance. (4) The question of food allowance be brought up again for review by the next meeting. Fin. Com. No. 3. 15-9-43.

Review of food situation and consideration of giving ration and dearness allowance to staff of the Society. Continue present arrangements. Supply atta in case rice cannot be procured. On the introduction of the rationing system, the position should be reviewed. Fin. Com. No. 4. 25-10-43.

Review of food situation and supply of ration to menial staff. Continue present arrangements for another month. Supply rice to the menial staff. The matter should be brought up for review by the next meeting. Fin. Com. No. 6(a). 25-11-43.

Review of food allowance and application from menials. Continue the present arrangements for the current month. The question of food allowance be brought up for review by the next meeting. Fin. Com. No. 14. 20-12-43.

Reappropriation of a sum of Rs.250 for the purpose of binding Arabic and Persian MSS. from the budget allotted for general binding. Lend Rs.200 from the Society's General Fund. Fin. Com. No. 5. 16-3-43.

Building repairs. The General Secretary is authorized to proceed with urgent work of repairs to the Society's building, after obtaining estimates from different firms, and the maximum not exceeding Rs.1,000 expenditure be incurred in this connection. Fin. Com. No. 7. 15-9-43.

Question of the provision of 90 flat binders for Journals, etc. at a cost of Rs.200 only. Sanction. Fin. Com. No. 4. 19-11-43.

Supply of winter clothing to menial staff and estimate received from Messrs. Wachel Molla & Co. An amount to the extent of Rs.300 may be sanctioned for the purpose. Fin. Com. No. 7. 25-11-43.

GENERAL LECTURE.—Offer by Dr. B. S. Guha of delivering a General Lecture to the Society on 'Races and Cultures of India' during the first week of February, 1943. Ask Dr. Guha to give a talk on the subject at the Discussion meeting on the 4th February if Mr. Percy Brown will agree to transfer his talk. Prog. Com. No. 1. 19-1-43.

It was decided to request Rao Bahadur K. N. Dikshit to give a talk on the recent excavations at Ramnagar, etc., on Friday, the 20th August, at 5-30 p.m. or any other day convenient to him. Also that Mr. Ramachandran be requested to give an account of his second visit to the Archaeological site at Mainamati. Prog. Com. No. 3. 12-8-43.

In accordance with No. 1 of the Regulations regarding the General Lectures, it was decided to request Dr. S. P. Mookerjee, Dr. Surendra Nath Das-Gupta, Dr. J. B. Grant and Mr. W. D. West to give lectures to the Society during the ensuing winter season, November 1943 to March 1944. Prog. Com. No. 4. 12-8-43.

GRAFLEX PHOTORECORD CAMERA.—Letter from the Keeper of Records, Imperial Records Department, requesting the loan of the microfilm camera for the duration of the war. Intimate that the camera cannot be sent out of Calcutta. Council No. 2. 19-4-43.

Letter from Prof. P. C. Mahalanobis, Director, Statistical Laboratory, Presidency College, offering to house the Society's microfilm camera for the duration of the war, and containing suggestions with regard to making it available for work. Postpone consideration in view of granting Dr. Fox's request for the loan of the camera for a month to the G.S.I. Council No. 1. 19-4-43.

Report on loss of an accessory (Exposure meter) of the Graflex Photorecord Camera lent to the Geological Survey of India. Record statements made by the Superintendent and by the Geological Survey of India regarding the loss and seek the help of the Commissioner of Police. As precaution against recurrence of such serious losses in future, the Superintendent be held responsible, making a complete inventory in a permanent book of all important possessions of the Society with approximate value. Council No. 13. 19-5-43.

Letter from Mr. W. D. West of the Geological Survey of India intimating the willingness of the Director, G.S.I., to meet the entire cost of replacing the missing Exposure meter of the Graflex Photorecord Camera. Thank the Director, G.S.I., for his generous offer. An effort should be made to procure the Exposure meter from the makers of the camera in the U.S.A. Council No. 2. 21-6-43.

Letter from the Director, G.S.I., dated 23-7-43, requesting to be allowed to keep the Graflex Photorecord Camera till the end of August 1943. Allow. Council No. 16. 29-7-43.

Further letter, dated 7-9-43, from the Director, G.S.I., requesting the extension of the period of loan of the Graflex Photorecord Camera till 1-10-43. Grant. Council No. 11. 15-9-43.

Further request from the Director, G.S.I., dated 30-10-43, for the loan of the Society's Graflex Photorecord Camera for some urgent work. Grant for a maximum of one month. Council No. 5. 19-11-43.

GRANTS.—Letter from the Secretary to the Government of Bengal, Department of Education, enquiring whether the two grants might be suspended in view of the scarcity of paper for printing the Sanskrit works and Sanskrit MSS. Catalogues. The General Secretary to draft a suitable reply in consultation with the President, Sir John Lort-Williams and Dr. R. C. Majumdar. Council No. 4. 19-5-43.

INDIAN SCIENCE CONGRESS.—The question of ownership of the publications of the Indian Science Congress Association. A Sub-Committee consisting of the *ex-officio* members, Sir John Lort-Williams, Dr. S. L. Hora and Dr. S. P. Agharkar be constituted to look into the question and report to the Council meeting in November. Council No. 13. 15-9-43.

Note by Dr. S. P. Agharkar. The relations between the Indian Science Congress and the A.S.B. have undergone many changes. These may be shown as follows:—

1914-16. No definite relationship. For each Congress an *ad hoc* Committee was organized by the local Secretary who carried on all business. The A.S.B. agreed to print the Proceedings of the 1st and 3rd Congresses as part of the Journal and Proceedings. The Proceedings of the 2nd Congress were published by the Congress at Madras.

1916. Agreement between the Indian Science Congress and A.S.B. regarding custody of funds of the former by the latter. Mr. S. W. Kemp on behalf of the Science Congress wrote to Dr. F. H. Gravely (General Secretary, A.S.B.) on 19-1-16 requesting the A.S.B. to take charge of the funds of the Indian Science Congress (about one thousand rupees). F. H. Gravely in his letter No. 268, dated 7-2-1916, informed him of the decision of the A.S.B. to take charge of the Congress. The Council on 16-1-16 accepted charge of the money as requested and resolved to keep a separate fund. Mr. Kemp was asked to report in detail to the Council on the proposed connection of the two Societies.

(New rules of the I.S.C. were approved by the A.S.B. Council on 25-4-17.)

On 23-2-17 S. W. Kemp (as Gen. Secy., A.S.B.) circularized the Publication Committee as follows:—‘The accompanying manuscript of the Proceedings of the Ind. Sc. Congress is circulated to the members of the Publication Committee for sanction of printing with the annual report of 1916. The Science Congress has agreed to bear the cost of printing.’ The estimate of the B. M. Press for same, dated 27-2-17, is Rs.453. On 5-3-17, J. L. Simonsen wrote to the Gen. Secy., A.S.B., relating, ‘The Science Congress will willingly pay half the cost incurred in printing the Proceedings’.

(The position appears to have been that the A.S.B. accepted the Proceedings of the Congress as suitable matter for inclusion in their own Proceedings, and supplied reprints to the Ind. Sc. Congress for distribution to their members for which they paid half the cost of printing.)

This arrangement continued for the Proceedings of the 4th to the 6th Sessions. The Council of the A.S.B. could not print the Proceedings of the 7th Congress and so they were published by the Ind. Sc. Congress. The Proceedings of the 8th (Cal. 1921) Session could not be published up to 1922 as there were no funds available with the Congress for the purpose. Eventually, a donation from Sir R. N. Mookerjee, President of the 8th Session, enabled publication.

The Proceedings of the 9th Session (Madras 1922) were published as a part of the Proceedings of the A.S.B. on the 50 : 50 basis.

From the 10th (Lucknow 1923) Session the Congress Proceedings were published separately, though the A.S.B. still paid half the cost. The Congress Proceedings were not sent to all members of the A.S.B., but were supplied to such members as asked for these.

The Proceedings of the 11th to 14th Sessions (1924–1927). As the Congress was becoming a larger body its Proceedings were becoming bulkier and the A.S.B. had to pay a larger share which was Rs.800 in the year 1927.

The finances of the Science Congress having improved in the meanwhile owing to the increase in membership and the large subventions and grant-in-aid received from the Indian Universities and the Indian Institute of Science, Bangalore, the Council of the A.S.B. resolved to charge the whole of the cost of the Proceedings to the Congress. The salary of a wholetime clerk (Rs.60) p.a. was also paid by the Congress to the A.S.B. The A.S.B., on the other hand, made a grant-in-aid of Rs.250 p.a. for the years 1928, 1929 and 1930. After this year contribution was stopped just as the University contributions were also stopped.

The Science Congress has regularly paid Rs.600 p.a. as cost of office expenses and in 1930 paid Rs.1,200 and in 1934, Rs.1,000 for the purpose.

This shows that from the years 1928 onwards the Proceedings of the Congress have been published at the cost of the Science Congress, and any unsold copies belong to them. The same is the case for the unsold copies of the year 1920 (7th Session).

The same position exists for the years 1923–29, though here the A.S.B. has paid half the cost. One might perhaps share the unsold volumes in equal proportions.

The reprint volumes of the first four years, if they should have been published by the A.S.B., belong to them.

Report and recommendation of the Sub-Committee appointed by the Council to look into the question of ownership of the Proceedings and other publications of the Indian Science Congress Association :—

'On the 15th September, 1943, we were appointed a Sub-Committee consisting of the *ex-officio* members (President, Hon. Treasurer, General Secretary), Sir John Lort-Williams, Dr. S. L. Hora and Dr. S. P. Agharkar, to look into the above matter and report to the Council meeting in November. A meeting of this Sub-Committee was called for Tuesday, the 16th November, 1943, at 5 p.m., but only we three could be present.

Our report on the ownership of the Proceedings and other publications of the Congress and recommendations with regard to their disposal are as follows:—

(1) The question of ownership of the publications to be settled in accordance with the recommendations in Dr. Agharkar's note, reading: "The Royal Asiatic Society of Bengal can rightfully claim only the unsold copies of the Proceedings of the first four Congresses and half the copies of the Proceedings of the 5th, 6th, 8th, 9th, 10th, 11th and 12th (1925) Congresses."

(2) The question of disposal to be settled in accordance with the suggestion made in Sir John Lort-Williams' note, reading: "The Society has nursed the Association up to full manhood and has spent considerable sums in so doing. The time has come for a full separation of the two bodies. We are very short of room always and require all our space. Therefore the Association should vacate the space they occupy in our premises and remove all stocks of publications connected with their work and make some reasonable contribution to our funds in respect of those publications belonging to us and those which are joint property."

(3) Upon this basis the amount spent by the R.A.S.B. in respect of joint property is about Rs.7,000 and the amount spent on reprinting the Proceedings of the first five years is about Rs.2,500, making a total approximately of Rs.9,500. But taking into consideration the fact that the R.A.S.B. has nursed the Science Congress for 25 years from its inception and also the fact that the Congress will not be able to realize any large sum by the sale of their publications immediately, it is recommended that the publication be made over to the Indian Science Congress Association on payment of Rs.3,500, as a lump sum.

(4) In view of the above, the R.A.S.B. shall retain the sum (approximately Rs.2,500) they have realized by the sale of publications up to date. They will also retain one more complete set of all the Proceedings and publications.

(5) The two special publications (i) Field Sciences of India and (ii) Progress of Science in India During the Past 25 Years, including reprints, are entirely the property of the Indian Science Congress Association. All unsold copies of these publications shall be made over to the Indian Science Congress Association and Rs.469-5-0 be credited to the Indian Science Congress Association as the price realized by the R.A.S.B. by the sale of copies and reprints.' Sd. Sir John Lort-Williams, Dr. S. P. Agharkar, Dr. Kalidas Nag. Indian Science Congress Sub-Committee. Dated 16-11-43.

Council Order: Adopt. A copy of the report be forwarded to the Secretary of the Indian Science Congress Association requesting at the same time to make arrangements for the payment of the amount and for the removal of the publications as early as convenient. No. 4. 19-11-43.

INSURANCE.—Letter from Commercial Union Assurance Co., Ltd., containing proposals regarding insurance of Society's property. The Company be asked to issue two policies for whole of the premises and property, each for Rs.3,00,000 as specified below, after getting the existing

three policies cancelled, or adjusted so as to obtain the benefit of the premium:—

Schedule I :

	Rs.
On Building	75,000
On books, etc. in the building	25,000
On MSS etc. in the building	2,00,000
	<hr/> 3,00,000

Schedule II :

Pictures at Darjeeling	50,000
61 cases at Benares	2,25,000
59 pictures at Benares	25,000
	<hr/> 3,00,000

It was also decided not to have the Society's publications kept at the Aligarh, Nagpur and Allahabad Universities insured. Fin. Com. No. 4(c) of 16-2-43. Accepted by Council. 16-2-43.

LEASE.—Report of infringement of lease condition by the lessees of the Society property Messrs. Lakhiraj Shewakram & Sons, and opinions thereon by the Solicitors, Messrs. B. N. Basu & Co. (a) Thank the Solicitors for their valuable opinion; (b) Instruct the Solicitors to issue a notice to the lessees for the removal of the structure within a month from the date of the notice intimating them at the same time that the lease would be determined by such a breach of covenant as given in their letter. Council No. 3. 19-4-43.

Report on action taken by the Solicitors, Messrs. B. N. Basu & Co., on the lessees, Messrs. Lakhiraj Shewakram & Sons with regard to the unauthorized shed in the Society's premises, and to consider any further action to be taken in view of the shed not having been removed. Record. The Solicitors be consulted whether any summary action can be taken against the lessees; if not, they be asked to proceed in the matter. Council No. 12. 19-5-43.

Letter from Messrs. B. N. Basu & Co., Solicitors, in connection with instituting a case against the lessees, Messrs. Lakhiraj Shewakram & Sons for erecting an unauthorized structure on the plot leased to them. Draft plaint approved, and the Solicitors be asked to file a suit accordingly against the lessees, Messrs. Lakhiraj Shewakram & Sons. The General Secretary is authorized to sign the plaint on behalf of the Council of the Royal Asiatic Society of Bengal. Council No. 3. 21-6-43.

Report payment of Rs.150 to Messrs. B. N. Basu & Co., Solicitors, for meeting initial expenses of filing a suit against the lessees Messrs. Lakhiraj Shewakram & Sons as per their letter, dated 27-5-43. Approved. Fin. Com. No. 3. 21-6-43.

Letter, dated 17-8-43, from the Solicitors, Messrs. B. N. Basu & Co., enquiring if the Society is agreeable to withdraw the suit filed against the lessees, Messrs. Lakhiraj Shewakram & Sons after the removal of the unauthorized structure on the plot leased to them. A representative of the lessees be asked to meet the President to discuss with him regarding the lease. Council No. 11. 24-8-43.

Letter from the Solicitors, Messrs. B. N. Basu & Co., dated 13-11-43, intimating that it is not advisable to proceed with the case against the lessees, Messrs. Lakhiraj Shewakram & Sons as they have demolished the unauthorized structure erected by them. Accept the suggestion of the Solicitors. No further action be taken against the lessees in terms of the Solicitors' letter. Council No. 18. 19-11-43.

Applications from Sewratan Sahu and L. Shaw for granting space of 9'x5' land for erecting a shop on the southern side of the members' retiring room on monthly rents. Reject. Council No. 18. 20-12-43.

LIBRARY.—Report on the completion of slips for the Authors Catalogue of books in the Library from 1934 to date. Sp. Lib. Com. No. 1. 29-3-43.

The question of preparation of a Subjects Catalogue of books in the Library. After discussion of the two items (1 and 2) at length, it was decided to refer the following questions to the Council for specific instruction: (a) Whether the card or sheaf system of catalogue should be adopted for the new accessions. (b) Whether the books already entered in the printed Authors Catalogue, or its supplement, should be also permanently kept in the sheaf or card catalogue as the case may be. (c) Whether the books acquired between 1934 and 1942 should be printed as the Second Supplement to the Authors Catalogue, printed in 1934. Sir John Lort-Williams dissenting.

On the proposal of Sir John Lort-Williams, it was resolved that one binder for sheaf catalogue be purchased and that the present preparation of slips for it be continued till the next Council meeting.

It was also decided to call a meeting of the Library Committee before the next Council meeting. Sp. Lib. Com. No. 2. 29-3-43.

Report on books outstanding with members and what action is to be taken against the defaulters. Apply Rules. Sp. Lib. Com. No. 4. 29-3-43.

Letter from Dr. Rama Chaudhuri, member, requesting loan of the Journals of American Oriental Society which are kept in safe custody at Benares. Express regret. Council No. 14. 19-3-43.

Consideration of a note from the Chairman of the Library Committee with regard to the system of cataloguing to be adopted for the Society's Library and a letter relating thereto from the Library Secretary, Dr. S. L. Hora, dated 11-4-43. Recommend to the Council the adoption of the modified note, as follows:—

(1) (I) As the present printed catalogue of the Library has been declared to be extremely unsatisfactory by several experts a fresh catalogue of all the printed books, periodicals, etc. (other than Sanskrit, Arabic and Persian), be prepared. (II) As at present, the sheaf-catalogue should be continued in accordance with the following principles: There shall be two sets of sheaf-catalogues. In the first the sheaves shall be arranged alphabetically according to the names of authors, with a uniform system adopted for Indian names, anonymous publications, periodicals, etc. In the other the sheaves should be arranged according to the *main* classes and *broad* divisions of Dewey's decimal scheme, using the Sub-Division, Sections, or Sub-Sections *only* when they are required by the special character of the Society's Library. To individualize books within subjects Cutter or Cutter-Sanborn Author numbers are to be used along with the classification number in books. The details of the system should be laid down by the Library Committee, and no departure should be made without their knowledge and consent. (III) All the printed volumes shall be entered in a new Accession Register of the standard form. (IV) After the 'mechanical preparation' of books (i.e. cutting the pages, putting the call-number, writing the price and date of acquisition on a specified page in each, etc.) they shall be arranged on the shelves according to their call-number, with such 'broken order' in the sequence as may be necessary for special reason. Labels should be put on the side of each shelf showing the subjects of books placed in them. (V) Each book should have a pocket at the back of the front cover with a card in it and a date slip pasted on the next page. The cards of books lent should be kept in the office, arranged according to call-numbers, in order to find

out whether any book not found in the Library is missing or lent out. The date-slip, with the dates of issue noted on it, would enable the borrower to return it in time and would also indicate the general use and popularity of any particular book. The present system of vouchers for issuing books should be maintained and these vouchers should be kept arranged according to the date of issue so that undue delay in the return of books may be immediately noted. (VI) There shall be an annual stock-taking of the Library in December. (VII) In order to expedite the preparation of catalogue and bring the new system into operation, the staff of the Library should be placed, for the time being until a Librarian is appointed, in charge of the Chairman of the Library Committee who would lay down programme of work, and prescribe the duties of individual members of the staff in order to give effect to the resolutions of the Council and the Library Committee under the general direction of the General Secretary. (VIII) That coins be added after inscriptions in Library (Regulation 19). (IX) That separate sheaf-catalogues of printed books and manuscripts in the classical languages be prepared, on a method approved by the Library Committee. (X) That in order to co-ordinate the work of the Library Department as a whole the staff of the Manuscript Departments be placed under the Chairman of the Library Committee in the same way as laid down in para VII above. (2) In view of this above recommendation, it was resolved that the recommendation relating to the preparation of the Authors and Subjects Catalogues of the Special Library Committee of 29-3-43 [item 2(a), (b) and (c)] be rescinded. (3) Refer the letter of the Library Secretary, dated 11-4-43, to the Council. Lib. Com. No. 1. 12-4-43.

The question of printing a supplement to the existing Library Catalogue. No Supplementary Catalogue be printed and that the relevant recommendation of the Publication Committee of 12-3-43 and the resolution of the Council of 16-3-43 be rescinded. Lib. Com. No. 2. 12-4-43.

Application from Mr. B. C. Bose, Library Assistant, for permission to attend the training classes of the Bengal Library Association in the Central Library, Calcutta University, during May and June 1943. Allow him to attend after office hours. Lib. Com. No. 7. 19-5-43.

Purchase of Dewey's Decimal Classification from Dr. J. B. Chaudhuri for cataloguing work in the Library. Accept the alternative suggestion of a permanent loan copy of the book kindly offered by Khan Bahadur K. M. Asadullah. Lib. Com. No. 8. 19-5-43.

Report on the progress of cataloguing work in the Library. Approved; an attempt should be made to complete the Subjects Catalogue by the 31st July. Lib. Com. No. 9. 19-5-43.

The question of purchase of Dewey's Decimal Classification and Relative Index (13th edition) for the Library—price Rs.55. Accept the offer of Khan Bahadur M. K. Asadullah giving on loan the abridged edition of 'Dewey' for use in the Library; if this edition be found not satisfactory, the 13th edition offered by Dr. Chaudhuri be purchased; meantime an order for the 14th edition be placed with the publishers in U.S.A. Lib. Com. No. 1. 15-6-43.

Re-organization of the Library staff. Postpone. A special meeting of the Library Committee be called for Monday, the 28th June, to discuss the matter; meanwhile the Library Secretary should circulate a note on the subject to the Library Committee. Recommended to the Council that the provisional appointment of Mr. B. C. Bose as Library Assistant be continued till 31st July, 1943. Lib. Com. No. 3. 15-6-43.

Consideration of the confidential note by the Library Secretary on the re-organization of the Library staff.

The Committee considered the confidential note by the Library Secretary on the re-organization of the Library staff and its recommendations were submitted before the Council held on the 1st of July in

the following memorandum: For the re-organization of the Library staff it is necessary to distinguish between the staff necessary for normal routine work and that required for the following special work decided upon by the Council:

(1) Preparation of both author and subject catalogues for the printed books acquired before 1934. (2) Preparation of catalogue for the Sanskrit MSS. which are not included in the catalogues already printed or in course of publication.

For the normal routine work, the Committee recommend the following staff: (1) A Librarian who will be in charge of the entire department including printed books, MSS., copperplates, coins and other antiquities if any. (2) One Assistant with a knowledge of type-writing. (3) One Pandit with a knowledge of cataloguing Sanskrit MSS. (4) One Maulvi with a knowledge of cataloguing Arabic and Persian MSS.

For the special work referred to above the Committee suggest two alternative schemes: (1) The arrangement with an individual, who is expert in cataloguing, to complete the whole work within a period of twelve months, on a system of contract, on a fixed remuneration calculated as follows:—

For books in European languages, at the rate of 5 books per rupee, totalling Rs.4,000 for 20,000 books, and for Sanskrit MSS., a remuneration of Rs.2,000 for 8,000 MSS. (half of the total number of MSS. that remain to be catalogued). The agreement is to be entered into only if a responsible individual be available. He might do the work with the help of assistants selected by him; it being a condition that the work should be done to the satisfaction of the authorities of the Society. (2) In case the above arrangement be not found possible a cataloguer he appointed for books in European languages either on a salary of Rs.100 a month or upon a piece basis; it being expected that the work should be finished in the course of three years. Similarly a Sanskrit Pandit with a knowledge of preparing catalogues should be appointed on a salary of Rs.60 per month or on a piece basis; it being understood that the work is to be completed within the period of three years.

The Committee recommend that the work should be done under the supervision of the Librarian and further, if necessary, the opinion of an outside expert be obtained, and no payment should be made until the authorities are satisfied that the catalogue has been prepared on the right lines.

As regards permanent staff the Committee make the following recommendations:—(1) That the present Sanskrit Pandit be placed in the grade of Rs.60—5—80. (2) That Mr. N. Gupta be continued in the Library as a typist until such time as his services can be more usefully employed in the General Section. (3) That Mr. S. K. Roy be immediately re-transferred to the General Section and a Librarian be appointed in his place to supervise the work of the whole department. His duties should be: (a) to supervise the Library of printed books; (b) to be in general charge, and supervise the preparation of catalogues of both printed books and MSS., and also to take proper steps for the preservation of manuscripts and safeguarding them against damage and deterioration; (c) to supply information to outsiders regarding printed books and catalogues, and to advise the Council on all matters concerning the proper safe-keeping of books and MSS. and the expansion of these departments; (d) to make proper arrangements about the listing and safe-keeping of the coins, copperplates and other antiquities, art-treasures, and old documents belonging to the Society and to keep a proper Stock Register of the same, and to report on them from time to time, suggesting remedial measures, if any; (e) he would be responsible for the proper arrangement of the books and MSS., files, etc., and supplying information concerning

them whenever required. It will be his primary duty to see that our responsibilities and obligations to the Government and other learned institutions which lent us MSS., coins, etc., be faithfully observed and that the condition on which these were lent by them be properly fulfilled in a satisfactory manner; (f) he should also advise the Council as to the preparation of a consolidated catalogue of all the MSS. and also the feasibility of publishing suitable texts or reprints, of books which are exhausted, and of which reprinting is desirable from an economic or a scholarly point of view; (g) he should also take charge of the proper reviewing of books which are sent to the Society for review in the Society's Journal.

The Committee discussed the question whether this post should be advertised on a salary of about Rs.200, but after hearing the different views expressed on the subject they recommend the appointment of Mr. S. K. Saraswati to this post with effect from 1st August, 1943.

Mr. Saraswati has already been serving in the Society for a period of 6 months. He has thoroughly investigated the present position of the cataloguing of MSS. and the publications of the Society and has derived a fair knowledge of the subject. Further he has already considerable experience in handling and cataloguing MSS. and he possesses high academic attainments and his scholarship for various branches of Indian antiquities is testified to by eminent scholars. He has worked not only with loyalty and enthusiasm but has given evidence of his grasp of the whole work of the Library department which is of a complicated nature. It is mainly due to his ungrudging labour during the last 6 months that the Society has got now a reliable report of the present position in respect of cataloguing of MSS. and publications, and during the last two months he has not only supervised the cataloguing of MSS. and printed books, but has also done preliminary work for making a proper list of the old coins with the help of the Museum authorities. Concerning his scholastic attainments and the practical experience he has gained during these 6 months the Committee feel that it would not be possible to secure the services of an equally competent man on a salary of Rs.200 or even somewhat more. The Committee therefore recommend that he be appointed Librarian for three years on the following terms, subject to termination of the appointment upon three months' notice on either side:

(1) He be given a salary of Rs.150—25—200 per month, (2) that he be permitted to accept a salaried part-time appointment in the Post-Graduate Department of the Calcutta University involving an absence of not more than 3 hours each day on two days a week during the period when the University is in session. He shall not be permitted to take any other remunerative work.

As regards financial implications it will be seen that so far as permanent staff is concerned, Mr. Saraswati really replaces Mr. J. C. De who was a Librarian on Rs.200 till December 1942. Other arrangements remaining the same, the total liabilities of the Society remain as before. It is therefore unnecessary to enter into this question at length. It may be observed, however, that some economy may be effected in the long run by appointing one Maulvi instead of two Maulvies for cataloguing Persian and Arabic MSS., and by substituting for Mr. N. Gupta, an assistant, on a lower grade of pay. Sd. R. C. Majumdar, S. P. Mookerjee, J. Lort-Williams and Kalidas Nag. Khan Bahadur K. M. Asadullah dissented. Special Library Committee Meeting. 28-6-43.

Consideration of the recommendations of the Special Library Committee meeting on Monday, the 28th June, 1943, with regard to the re-organization of the Library staff. Accept recommendations subject to the following changes: that Gupta should be sent back to the office and Bose will continue in the Library for six months longer on present terms. General Secretary to prepare a memorandum on the requirements of the

general office specially after the retransfer of the two assistants (Roy and Gupta). The Finance Committee to consider this memorandum, today's decisions, and any other recommendation, for re-organization of the staff if any (such as from the Publication Committee) and to submit a report to the Council. (Dr. S. L. Hora dissented regarding the Library appointments made as in his opinion the posts should have been advertised.) Special Council. 3-7-43.

Consideration of the appointment of two cataloguers, one in the General Section and the other in the Sanskrit Section, for special work, as recommended by the Library Committee and the Council on 1-7-43, and applications and recommendations received for the purpose. That a Special Committee be formed with the President, the Chairman of the Library Committee, the General Secretary, Sir John Lort-Williams, Khan Bahadur K. M. Asadullah and Dr. N. Dutt to interview and recommend candidates to Council.

That the approved draft for advertisement be circulated to all the members of the Council, requesting them to recommend names of deserving candidates to the General Secretary by the 7th of August next and that the date of interview be fixed for the 16th August.

That the Council be requested to appoint candidates selected by the Committee on the terms recommended by the Special Library Committee meeting, dated 28-6-43.

In case none of the candidates thus interviewed be found suitable, the Council be requested to authorize the Special Committee to recommend deserving candidates after proper advertisements. (Proposed by Sir John Lort-Williams and seconded by Khan Bahadur K. M. Asadullah.) Lib. Com. No. 1. 29-7-43.

Requisites for cataloguing work. That 18 binders and 20,000 slips with dividers be ordered for the cataloguing work after inviting quotations and recommend to the Council to provide funds for them. Lib. Com. No. 3. 29-7-43.

Recommendation of the Library Committee with regard to the purchase of 18 binders, 20,000 slips, etc., for the English Section of the Library was considered and it was decided to recommend the Council to provide money for the purpose. Fin. Com. No. 11. 29-7-43.

Letter from the Secretary, War Prisoners Aid of the Y.M.C.A., Calcutta, enquiring whether facilities can be made to borrow books from the Society's Library for the civilian internees who are detained in internment camps in India. Intimate that the Rules do not permit loan of books to non-members of the Society. Decline. Council No. 13. 19-7-43.

Second Report of Mr. P. C. Bose in continuation of his previous report, dated 29-7-43. Recommend to the Council for the payment of honorarium of Rs.300 to Mr. Bose as decided by the Council on 16-3-43. Lib. Com. No. 4. 15-9-43.

Application dated 7-9-43 from the Society's binders for enhancement of binding charges. Allow an increase of 15% over the existing rate, thus bringing the total increase to 30% above the pre-war rate. Lib. Com. No. 4. 15-9-43.

Recommendations of the Library Committee with regard to the appointments: (a) For the English Section: that Mr. Sibsankar Mitra, M.A., be appointed provisionally as a cataloguer on a salary of Rs.100 per month, subject to an average monthly output of 600 volumes, and

that he be asked to join immediately. (b) For the Sanskrit Section: That Pandits Jagadish Bhattacharya and Ramdhan Bhattacharya and Mr. N. Subrahmanya Aiyar, M.A., be appointed cataloguers, at present for one month on trial subject to continuance of satisfactory work, on a remuneration calculated at the rate of Rs.25 for every 100 MSS. catalogued by them, and that they be asked to join immediately. Sp. Lib. Com. 16-8-43.

Confirmation of Pandits Jagadish Bhattacharya and Ramdhan Bhattacharya, cataloguers, Sanskrit Section, on present terms and appointment of another cataloguer in the section in place of Mr. N. Subrahmanya Aiyar, M.A., who has not joined. Confirm.

Babu Nanigopal Banerji be appointed on the same terms as the other two Sanskrit cataloguers in place of Mr. N. S. Aiyar not joining. Lib. Com. No. 2. 25-10-43.

The question of closing the Library during the ensuing holidays. Close for Bank holidays only and keep open for 3 hours (2 to 5 p.m.) daily for the remaining holidays. Lib. Com. No. 6. 15-9-43.

Report on books recovered from discarded papers. Include in the Library, General Section, as per list enclosed. Lib. Com. No. 3. 19-11-43.

Question of the appointment of an additional temporary bearer in view of extra work in connection with re-organization work in the Library. Agree: Recommend to Council for necessary arrangements. Lib. Com. No. 4. 17-12-43.

Report about cataloguing in the General and Sanskrit Sections (General Section—1,100 volumes; Sanskrit Section—2,575 MSS. of the Indian Museum Collection). Record. Lib. Com. No. 6. 17-12-43.

Library Secretary's verbal report about the loss of books in the Library (as test cases and pending further enquiry, a short list of a few books in the Catalogue of 1884 but not found in the Catalogue of 1934 and another of a few books in the Catalogue of 1943 but not traceable in the shelves were presented). Record. Arrange for periodical reports. Lib. Com. No. 7. 17-12-43.

Draft scheme for preservation of MSS., books, etc., in the Library. Approve: Recommend to Council for sanction of the scheme. Lib. Com. No. 5. 17-12-43.

The Library Committee recommended the following scheme for the preservation of MSS., books, etc. in the Library of the Royal Asiatic Society of Bengal for sanction by the Council on 17-12-43.

The question of the preservation of MSS., books, etc., in the Library of the Royal Asiatic Society of Bengal was gone into in detail more than three years back and certain measures, as outlined by experts, had been undertaken. An all-round and expensive programme being out of the question, especially after the serious depletion of Society's funds due to cuts in the subsidies from Provincial and Central Governments, the measures adopted by the Society were confined to (i) exposing MSS., books, etc., to the action of volatile disinfectants, such as naphthalene and paradichlorobenzene, and (ii) their repairs and lamination with tissue paper.

Since 1940 the Society has incurred an expenditure of Rs.11,000 approximately in connection with the preservation of MSS., etc.

Capital Expenditure (Non-recurring).

		Rs.	A.	P.	Rs.	A.	P.
Purchase of Steel cabinets			8,000	0	0

Recurring Expenditure.

1940—Salaries of mending staff	..	376	12	9			
Chemicals	..	825	10	0			
					1,202	6	9
1941—Salaries of mending staff	..	321	10	9			
Chemicals, etc.	..	965	13	3			
					1,287	8	0
1942—Salaries of mending staff	..	391	6	0			
Chemicals, etc.	..	158	0	0			
					549	6	0
					11,039	4	9

The mending staff consisted of two pasting duffries and the total of MSS. repaired during the last three years was 688 only, i.e., an average of 229 per year.

Since the visit of Dr. S. N. Sen, Keeper of Imperial Records, in March, 1943, following the enquiries about damaged MSS. from the Department of Education, Health and Lands, Government of India, a change had to be made in the plan of preservation work that was being carried on by the Society. Dr. Sen disapproved of the way in which lamination was being done and it was stopped under his instruction. The Council of the Society entrusted Dr. K. N. Bagchi, Chemical Examiner to the Government of Bengal and a member of the Council of the Society, to draw up a comprehensive scheme for the preservation of MSS., books, etc., in the Library of the Society. Dr. Bagchi analysed the different recommendations of experts and discussed the subject fully with Dr. S. N. Sen when he was in Calcutta in July last. The following scheme is based on the recommendations of Dr. Bagchi as a result of his discussion with Dr. Sen. Due to war conditions and to Society's limited means, the inauguration of an ambitious project being ruled out for the present, these summary recommendations, modest though they may appear at first sight, are expected to tackle effectively the problem of the damage and deterioration of MSS., books, etc. and their repairs till better times prevail.

1. *Air-conditioned room with arrangements for filtration of incoming air and neutralization of corroding agents present in the atmosphere.*

This is a very useful measure, but too expensive for the Society under the present conditions. As air-conditioned rooms prolong the life of paper and inhibit the growth of molds and insects, which ultimately die out, the provision of such a room should, however, occupy the foremost place in the Society's budget for future expansion when times permit.

2. *Fumigation.*

It is both curative and preventive and as such an indispensable necessity. The installation of a proper vacuum chamber for fumigation, which cost Rs.13,000 at the pre-war rate, is ruled out on financial grounds and the Society has arranged for conversion of two steel almirahs into miniature fumigating chambers, the cost being charged to capital expenditure. Provision will have to be made for periodically fumigating all MSS., books, etc. with thymol and paradichlorobenzene vapours. Two such chambers are, however, insufficient for the needs of the Society's Library, but in view of the acute shortage of chemicals which feed such chambers,

it has been thought proper to convert two almirahs for the present, with reservation for more such chambers as chemicals become available.

Arrangements should also be made for sterilizing cabinets and almirahs by thymol and other insecticides regularly at fixed intervals. The use of naphthalene and paradichlorobenzene in cabinets should also be continued. The frequency of sterilizing operations and of the use of disinfectants will depend, however, on the availability of the necessary chemicals.

3. Lamination.

Lamination is the best and the ideal method of strengthening damaged and fragile MSS., etc., and prolonging their life. It may be done with cellulose acetate foils, chiffon or tissue paper with or without an adhesive. Lamination with cellulose acetate foils fixed by heat and pressure in a hydraulic press is the most effective of the laminating methods, in which the recurring cost also comes cheaper. But the cost of such machineries has been estimated to be Rs.26,000 at the pre-war rate and is beyond our means under the present conditions. The use of cellulose acetate foil with an adhesive is also ruled out on account of such foils being not available in the market.

The next alternative is the use of chiffon with an adhesive containing insecticides. Chiffon is now quoted at Rs.10-8-0 per yard and the rate is getting higher day by day. The repairing of all the damaged and fragile MSS. with chiffon, hence, cannot but be considered too expensive and the use of chiffon has to be confined only to MSS. in carbonaceous ink where tissue paper is not recommended. In such cases too, our minimum requirement is expected to come up to at least 500 yards, i.e., a total outlay of Rs.5,500 only for chiffon. As the price is getting dearer every day it may be necessary to stock the above quota and charge the cost to capital expenditure.

Under the above circumstances, lamination has now to be done with the best quality transparent tissue paper as available in the market, except in case of MSS. in carbonaceous ink. The *dextrine* paste, which is recommended, not being available, arrangements are being made to manufacture a special adhesive from formula supplied by the Imperial Records Department.* MSS. and books are to be fumigated before and after they are laminated and are to be kept in disinfected steel almirahs containing sufficient amount of volatile insecticides.

Mending Section.—The mending staff at present consists of two pasting duffries only. An expansion of the staff is imperative, but such expansion must depend nowadays on the availability of the necessary chemicals and materials, which are getting scarcer day by day. Considering the circumstances, a skeleton staff of four members with an experienced head mender may do for the present. The average output of repair work is expected to be more than doubled, as compared to that of the previous years. An experienced mender has to be temporarily requisitioned from the Imperial Records Department and Dr. Sen is agreeable to spare one of his best menders for the purpose. He may be given a salary of Rs.40—2—60 per month. The salaries for other menders should be Rs.20—1—25 per month per head (Society's grade for duffries). The two pasting duffries, who have acquired considerable skill and experience in repair and lamination work during the past years, may be permanently absorbed in this grade. Two other additional hands will have to be appointed, their tenure of service being temporary according to the volume of work in hand.

* Dextrine or white flour	..	..	5 lb.
Water	..	..	10 lb.
Saffrol	..	..	12 oz
Oil cloves	..	..	12 oz.
White arsenic	..	..	21 oz,

Considering the value of the rare MSS. and books, which the Royal Asiatic Society of Bengal holds in trust, the institution of a properly equipped establishment for the preservation of the old and priceless copies, even with a skeleton staff, is a desideratum that had been long overdue.

A list of binding and mending implements has been obtained from the Imperial Records Department.* Considering the financial position and the rather exorbitant cost of such appliances at present only the minimum of such requirements has been insisted upon, but with due regard to the volume and quality of work. The practice of binding MSS. from outside is to be discarded at once, as it has been found that such MSS. are more susceptible to the havoc of insect pests. The cost of such tools and appliances may be charged to capital expenditure.†

Regarding chemicals and other materials the attention of the Government of India is drawn to the extreme scarcity of such goods. We have not been able to get any quotation for thymol and paradichlorobenzene through normal trade channel and the rates of the black market are exorbitantly high. No fumigation can be undertaken unless we get these two essential chemicals. As these are not controlled items the Chemicals Directorate advised us to get them through normal channel, which, however, has failed. Much of the success of the work depends on these chemicals and unless the Government of India can help us in the matter the Society may have to defer this important work till a future date.

FINANCIAL STATEMENT.

Capital Expenditure—Non-recurring.

Installation of two Thymol chambers and provision of necessary tools and appliances ..	Rs.1,000	
Chiffon, 500 yards, for MSS. and documents in carbonaceous ink, at Rs.10-8 per yard ..	Rs.5,500	
		<u>Rs.6,500</u>

* *Implements required:*

1. Hammer with flat face. 2. Chisel (*Batali*). 3. Saw. 4. *Sekanja* (big and small). 5. Scissors. 6. Knives. 7. Needles. 8. Straight edge. 9. Board cutting scissors. 10. Leather cutter. 11. Slice. 12. Hand press (small). 13. Punch. 14. White marble stone. 15. Brass bowl or enamelled dishes for paste and water. 16. *Sua*.

Materials required:

1. Binding cloth. 2. Art canvas. 3. Leather. 4. Mill board. 5. Straw board. 6. Tape. 7. Linen thread (thick and thin). 8. Marble paper. 9. Glue. 10. Malmal. 11. Chiffon. 12. Tissue paper. 13. Hand-made paper. 14. Ledger paper. 15. Oiled paper. 16. Head-band. 17. Pulp board.

† Additional Suggestions of Dr. S. N. Sen. (Letter No. F.49-43-P, 3-11-43.)

The binding materials being unavailable the old binding should be rejuvenated with a special leather preservative mixture, the application of which on old and brittle leather-bound volumes not only increases the longevity of leather but also serves as an insecticide. The mixture can be prepared according to the following formula:

Lanoline, Anhydrous ..	9 oz. (avoir.)
Beeswax ..	½ oz. "
Cedarwood oil ..	1 oz. (fluid)
Benzene (pure) ..	11 oz. "

*Recurring Expenditure.**Annual.*

Establishment—

4 menders, each on a salary of Rs.20—1—25 plus dearness allowance of Rs.10 per month. (Rs.22-8-0 plus Rs.10) $\times 12 \times 4$	Rs.1,560	
1 Head mender on a salary of Rs.40—2—60 plus dearness allowance of Rs.10 per month. (Rs.45 plus Rs.10) $\times 12$	Rs. 660	
		Rs. 2,220
*Chemicals, paper and other contingencies		Rs.2,980
		<hr/> Rs.5,200 <hr/>

Council order. Accept. No. 7 of 20-12-43.

LOAN OF MANUSCRIPTS, REQUESTS FOR.—The Principal, Vidybhavana, Visva Bharati, Santiniketan, 4 MSS. of Mahabharata (these are available in the Society. Sanction recommended by the Phil. Secretary). Lend the four MSS. on usual conditions against indemnity bonds executed separately for each of them, viz. Rs.400, Rs.500, Rs.250 and Rs.250 respectively. Council, No. 3(a). 29-7-43.

The Registrar (Mr. R. G. Harshe, Member, R.A.S.B.) Deccan College Post-Graduate and Research Institute, Poona, for 'Mirat-i-Sikandari' (this MS. was in a dilapidated condition, but it has been properly repaired). Lend the MS. against indemnity bond to the value of Rs.500 after Prof. Haq has finished with it. Council. No. 3(b). 29-7-43.

Dr. N. Dutt for two MSS. of 'Samadhiraja' (these have been sent to Benares, but Dr. Dutt likes to have this matter placed before the Council). Postpone consideration. Council. No. 3(c). 29-7-43.

Application from Vishveshvaranand Vedic Research Institute, Lahore, for the loan of the Nagari MS. 'Kannasatapath Brahmana'. Lend against indemnity bond to the value of Rs.500 for a period of three months according to rule. Council. No. 3. 19-5-43.

The Bhandarkar Oriental Research Institute, Poona, for two MSS. of Bhartrhari-Satakatraya (Govt. coll. Nos. 7747 and 7779). Grant on two indemnity bonds of Rs.50 each. Liby. Com. No. 2(a). 19-11-43.

Prof. Chintaharan Chakravarti for a MS. of Saugatasutrabhasya (Govt. coll. No. 8300). Grant on an indemnity bond of Rs.100. Liby. Com. No.3(b). 19-11-43.

Mr. M. S. Alimuddin for two MSS. of Sharhu'l-Kashshaf (Arabic coll. Nos. 60 and 61). Grant in respect of MS. No. 60 (Arabic coll.) on indemnity bond of Rs.800 only. Liby. Com. No. 2(c). 19-11-43.

MANUSCRIPTS.—Report on the cataloguing of manuscripts in the Sanskrit Section of the R.A.S.B. Recommend to the Council the introduction of a sheaf-catalogue on the lines suggested by Mr. S. K. Saraswati in the report. Lib. Com. No. 3. 12-3-43.

The method to be introduced for the preservation of MSS. in the Library. Circulate the relevant papers concerning this to the members of the Library Committee in the first instance. Sp. Lib. Com. No. 3. 29-3-43.

The method to be adopted for the preservation of manuscripts (postponed for consideration by the Special Library Committee). Refer to Dr. Bagchi for report. Lib. Com. No. 5. 12-4-43.

* These include paste, paper, chemicals, disinfectants, binding and mending materials, etc.

Draft of a letter to be sent to the Government of India in reply to their enquiry about the reported damage to the MSS. that are on loan from them. Approved and issue. Council No. 4. 19-4-43.

Letter from the Jt. Secretary to the Government of India, Department of Education, Health and Lands, Simla, dated 13-4-43, enquiring whether any damage was done to the manuscripts loaned to the Society by the Government. Reply in the same terms as in item No. 4. Council No. 5. 19-4-43.

The question of preparing microfilms of rare and valuable MSS. of the Society. The Library Secretary be requested to make an appraisal of precious MSS. and prepare a list of the most important of them in order of priority so that the microfilming work may begin when the film will be available. Lib. Com. No. 2. 19-5-43.

The question of periodical inspection of books and MSS. of the Society at Benares. In view of Dr. B. S. Guha's statement to the effect that the Manuscripts kept in the boxes are safe and will not be damaged so long as they are kept sealed as they are at present, recommended that the boxes at Benares be not opened. Lib. Com. No. 3. 19-5-43.

Proposal for appointing a temporary Pandit for the preparation of slips of undescribed MSS. for a co-ordinated summary catalogue of all the collections. The present Pandit in charge of the manuscripts be asked to prepare the list along with his other duties; meantime engage a suitable man for the preparation of slips for a sheaf catalogue on piece basis, his remuneration to be decided upon after report from the Library Secretary has been received. Lib. Com. No. 5. 19-5-43.

The question of converting one or two steel almirahs into air-tight fumigation chambers (estimates from Messrs. Eastern Camera Repairing Works amounting to Rs.50-4-0 or Rs.78-4-0 per almirah). Accept tender for Rs.50-4-0 from Messrs. Eastern Camera Repairing Works and arrange for conversion of two almirahs at the above rate, and recommend to the Council for payment of the expenditure incurred in this connection after the work has been completed. Lib. Com. No. 4. 15-9-43.

Letter from Dr. K. N. Bagchi, dated 21-6-43, forwarding a note prepared by him for the preservation of books and manuscripts. Thank Dr. Bagchi for the note; circulate the note to the Library Committee and the Council. Council No. 13. 21-6-43.

Letter from Dr. D. M. Sen, Jt. Secretary, Department of Education, Health and Lands, Government of India, dated the 5th June, 1943, concerning preservation of manuscripts. Draw up a scheme and bring up for consideration by the next meeting. Council No. 14. 21-6-43. [For the Scheme *vide* pp. 21-25.]

Letter from the Gaudiya Mission, Baghbazar, dated the 13th July requesting permission to be granted to three members of the mission to collate, compare and take copies of 16 MSS. for printing certain unpublished works of the Vaishnava saints by them (most of the MSS. are in the Society). Grant on condition that the mission joins the Society as an Institutional member; in the event of publication of any works by them, they be asked to make suitable acknowledgment in them, and to present a copy each to the Society's Library. Council No. 4. 29-7-43.

MEDALS.—Letter from Dr. B. C. Law offering to make over to the Society $3\frac{1}{2}\%$ G.P. Notes to the face value of Rs.8,000 for the institution of a Gold Medal to be named after him, and further letter from Dr. B. C. Law, dated 9-11-43, to the President with regard to the proposed 'Bimala Churn Law Gold Medal'. (a) Accept the offer of Dr. Law with the thanks of the Society's Council, intimating to him that the Council agree that the donor during his lifetime shall be a member of the Board. (b) A board

consisting of the President, the Philological Secretary (Dr. Dutt), Historical and Archaeological Secretary (Dr. Majumdar), and the donor be constituted for making the award at the next Annual meeting. Council No. 6. 19-11-43.

Report payment by Dr. B. C. Law G.P. Notes to the face value of Rs.8,000 for the institution of the gold medal, Rs.280 for the cost of the first medal to be awarded in 1944 and Rs.185 for making the die. Record with thanks to the donor. Council No. 14. 20-12-43.

Recommendation of Dr. Bimala Churn Law Gold Medal Advisory Board. Accept the recommendation that the medal for 1943 be awarded to Dr. Suniti Kumar Chatterji. Council No. 3. 20-12-43.

Appointment of Advisory Boards for the awards of (a) Barclay Memorial Medal (Medicine or Biology). The Board to consist of the *ex-officio* members (Biological and Medical Secretaries), General Secretary, Sir U. N. Brahmachari, Dr. S. L. Hora, Dr. S. C. Law and Dr. K. N. Bagchi. (b) Sir William Jones Memorial Medal (Philosophy, Literature and History). The Board to consist of the *ex-officio* members (Philological and Jt. Philological Secretaries), General Secretary, Mr. C. W. Gurner, Dr. R. C. Majumdar, Dr. S. K. Chatterji, Prof. M. M. Haq and Dr. S. N. Das-Gupta. Council No. 2. 15-9-43.

Recommendation of the Sir William Jones Memorial Medal Advisory Board. Accept the recommendation that the medal for the year 1943 be awarded to Sir Sarvapalli Radhakrishnan. Council No. 2. 20-12-43.

Recommendation of the Barclay Memorial Medal Advisory Board. Accept the recommendation that the medal for 1943 be awarded to Sir Upendranath Brahmachari. Council No. 4. 20-12-43.

Letter from Mr. R. C. Roy, dated 15-10-43, offering to give to the Society on behalf of his mother, Mrs. Sarat Chandra Roy, a sum of Rs.4,000 for the institution of a gold medal to be named after his father; also a gold medal in commemoration of the 160th Anniversary. Accept the offers with the thanks of the Society's Council. (2) A Board consisting of the President, General Secretary, and Dr. Griffiths be constituted for framing suitable regulations for the award of the medal. Council No. 11. 25-10-43.

Report of receipt of payment of Rs.4,000 Mrs. Sarat Ch. Roy through Mr. Ramesh Chandra Roy for the institution of Sarat Chandra Roy Memorial Medal, and Rs.250 for making the first medal to be awarded in 1944. Record with thanks to the donor. Council No. 15. 20-12-43.

Appointment of Advisory Boards for the awards of: (a) Sarat Chandra Roy Memorial Medal (Cultural Anthropology). The Board to consist of the Anthropological Secretary (*ex-officio*), a nominee from among the heirs of the late S. C. Roy, Prof. K. P. Chattopadhyaya, Mr. L. R. Fawcett and the General Secretary. Council No. 6(a). 20-12-43.

Draft of 'Regulations regarding the award of the Sarat Chandra Roy Memorial Medal,' prepared by the Sub-Committee appointed for drafting the Regulations. Adopt, and report for information of the next Ordinary Monthly Meeting as prescribed in Rule 48(a). Council No. 5. 20-12-43.

Appointment of Advisory Board for the award of Pramatha Nath Bose Memorial Medal (Geology). The Board to consist of Mr. W. D. West, Dr. P. K. Ghosh, Prof. N. N. Chatterji, Dr. S. P. Agharkar, Dr. K. N. Bagchi, Dr. M. M. Chatterji and the General Secretary. Council No. 6(b). 20-12-43.

MISCELLANEOUS.—Report by the General Secretary of the services rendered by Prof. J. N. Banerjee (Member) for identifying coins

coming to the Society and by Dr. N. Ray, University Librarian, for giving advice for the re-organization of the Library and to Dr. Habibullah and Dr. Imam for helping in cataloguing the Persian and Arabic MSS. section, as well as to Dr. P. C. Bagchi and Prof. L. Sukul for the advice as regards the utilization and classification of the Sino-Tibetan and the Hindi sections respectively. Thank them on behalf of the Society. Council No. 4. 16-2-43.

Letter, dated 24-2-43, from the Varendra Research Society, Rajshahi, requesting a rebate of half the price of certain parts of the back numbers of the Society's Journal which they wish to purchase. Allow the usual rebate of 33½% on the sale price of the Journals asked for. Council No. 1. 16-3-43.

Appeal from V. S. Sukthankar Memorial Edition Committee, Poona, for donation in connection with the proposed publication of 'Sukthankar Memorial Volume'. Intimate that the Society would purchase a volume when published. Council No. 2. 19-4-43.

Letter from Mr. T. N. Ramachandran, dated 29-7-43, regarding archaeological remains at Mainamati and Lalmai, near Comilla. Include it as an item in the programme of the Monthly Meeting on 2nd August, 1943. Council No. 18. 29-7-43.

Letter from Dr. S. N. Sen, Keeper of Imperial Records for inclusion of the name of the Imperial Record Department in the free distribution list for subsequent Journals and publications of the Society. Grant. A discount of 40% be allowed in respect of old publications asked for. Lib. Com. No. 2. 15-9-43.

General Secretary's Report on the collection of the late Mr. Johan van Manen and the Society's claims thereon. Submit the claims of the Society to Mr. Van Aken, the Dutch Consul, in charge of collection. Bib. Ind. Com. No. 6. 6-9-43.

Report by the General Secretary based on the General Assistant's note (S. K. Roy) on old book-order files up to 1940. The General Secretary was authorized to dispose of them as waste paper after taking out usable papers. Council No. 14. 25-10-43.

Reprint of an article by Sir Lewis Fermor, Kt., that appeared in an American Magazine 'Discovery' in August, 1943, and forwarded by him to the Society. Thank Sir Lewis for the reprint. An endeavour should be made to procure copies of the reprint from the Manager of the Imperial Chemical Industries in Calcutta. Council No. 16. 19-11-43.

NUMISMATICS.—Suggestion for appointment of a temporary Assistant for preparing a classified list of coins in the Society's collection and for making arrangement for keeping them in cabinets. Mr. T. N. Ramachandran be requested to prepare a classified list of all the coins in the Society's possessions. Lib. Com. No. 4. 19-5-43.

PATRONAGE.—Draft of a letter to be addressed to His Excellency the Viceroy, requesting him to accept the patronage of the Society. Approved. Council No. 13. 25-10-43.

Letter, dated the 17th November, from the Military Secretary to H.E. the Viceroy intimating that His Excellency is very pleased to accept the Patronage of the Society. Record. The thanks of the Society be conveyed to His Excellency. Enquire whether it would be convenient for His Excellency to preside over the Special 160th Anniversary meeting in January, 1944. Council No. 1. 19-11-43.

Report of death of Sir John Herbert, a former Governor of Bengal and a Patron of the Society. Announce at the next Monthly Meeting

and send a letter of condolence to the Lady Mary Herbert. Council No. 13. 20-12-43.

PUBLICATIONS.—Report by the General Secretary on the progress of the work of Csoma de Kőrös for the forthcoming Memoirs of the Society. Dr. S. K. Chatterji, Dr. N. Dutt and Dr. P. C. Bagchi be requested to prepare the final press copy in consultation with the editor, Prof. D. C. Chatterji. Pub. Com. No. 6. 12-3-43.

Paper by B. C. Kundu on 'Anatomy of Jute Stem'. The Committee regrets it is unable to recommend the publication in the Society's Journal on account of the prohibitive cost of reproducing the photographs. Pub. Com. No. 2. 17-12-43.

Recommendations of the Publication Committee of 17-12-43. Council Order : Accept with amendments on items 2 and 3 on the minutes as follows:—Item No. 2. Paper by B. C. Kundu on 'Anatomy of Jute Stem'. The General Secretary should discuss with the author whether he would be prepared to meet the cost of reproducing the plates, and any decision arrived at with him be communicated to the next meeting of the Council. Item No. 3. Paper by C. C. Das-Gupta on 'Supplement to Bibliography of Ancient Indian Terracotta Figurines'. The Publication Committee is fully empowered to accept or reject a paper in accordance with No. 4 of the 'Regulations regarding the submission of communications for publication', in terms of which the paper is referred back to the Committee for passing final order on it.

In this connection, the President placed before the meeting a letter, dated 2-12-43, from Dr. Baini Prashad and the correspondence that passed between Dr. Prashad and the Society about his paper on 'Raja Birbal'. The President undertook to reply to Dr. Prashad direct. No. 8. 20-12-43. [For re-organization of Publication Department, see under Bibliotheca Indica.]

RE-ORGANIZATION OF LIBRARY AND OFFICE STAFF.—Note by the General Secretary concerning dearness allowance to staff. Report of the Library Sub-Committee. Report on staff of the Society (adjoined for consideration by the Council meeting of 5-10-42).

Council Order. A Sub-Committee consisting of the *ex-officio* members (President, General Secretary and Honorary Treasurer), Sir John Lort-Williams, Dr. S. P. Mookerjee, Dr. M. N. Saha and Dr. R. C. Majumdar be constituted to enquire into and report within two weeks upon the working of the system of administration of the Society which was recommended by the late Enquiry Committee, and suggest what (if any) alterations or amendments are necessary, and upon the recommendations of the Library Committee and the General Secretary regarding the Library system and the staff generally. Council. Nos. 12, 13 and 14. 23-11-42.

Preliminary Report of the Sub-Committee, dated 29th November, 1942.

Recently we were appointed a Committee to enquire into and report, within two weeks, upon the working of the system of administration of the Society which was recommended by the late Enquiry Committee and suggest what (if any) alterations or amendments are necessary, and upon the recommendations of the Library Committee and the General Secretary regarding the Library system and the staff generally. The first point to be noted is that the scheme recommended by the Enquiry Committee has never yet been put fully into operation.

The main recommendation, and the essential foundation of all else was that two Assistant Secretaries be appointed, one to be in charge of the Cultural and the other of the Business activities of the Society.

Owing to the heavy cost of other reforms recommended, such as the substitution of steel for wooden shelving and almirahs, the wiping out of the serious arrears in publication, and the improvements in general office administration, it was not found possible to provide salaries for two Assistant Secretaries.

As a compromise the Council decided to appoint one Assistant Secretary, upon the comparatively low salary of Rs.200—50—500, to superintend both the Cultural and the Business activities of the Society, under the supervision of the General Secretary, who was expected to be able to devote to this task at least one or two hours daily.

Serious and extensive efforts upon two occasions were made to discover a suitable candidate, without success, and we are satisfied that it is not possible to procure such a candidate unless a very much higher salary be offered and one sufficient to attract a really first class man with both cultural attributes and administrative experience.

On the first occasion Mr. Seal was appointed. He turned out to be an excellent Business Secretary, but did not claim to be qualified culturally. When he left the Society's employment to fill a very much better paid post, Mr. De was selected, out of over a hundred applicants, and appointed on probation, but he failed to display the requisite business qualifications and was subsequently placed in charge of the Library, though he had had no previous training in the duties of a Librarian.

The result of all this has been that the cultural activities of the Society have been almost entirely neglected, and there has been a steady decline in the efficiency of the staff and general administration and the condition of the Library is such that it has been condemned by a Sub-Committee in almost derisory terms.

We have no doubt that there will be no permanent improvement until the Society is in a position to put in practice the scheme recommended by the Enquiry Committee and appoint two properly qualified and efficient Assistant Secretaries and a trained Librarian, upon adequate salaries.

In default of that possibility it will be necessary to attract a scholar of standing and repute, with sound administrative experience, some knowledge of business, and able to exercise authority and control, by reverting to the practice and offering the status of a whole-time General Secretary, with a suitable salary or honorarium.

In our opinion it is essential that there should be upon the premises of the Society during all working hours some person or persons qualified to receive and attend to visitors, superintend all the activities of the Society, control the staff, and see that their work is carried out regularly, efficiently and with steady continuity of practice.

But the present state of slackness and confusion, inadequacy and inefficiency necessitates prompt action and adequate control, and we consider that for the next 12 months, at least, someone should be appointed as General Secretary who will be able to devote at least three hours daily to the work of restoring order out of chaos and exercising general supervision.

We have persuaded Dr. Kalidas Nag to accept this onerous task, and upon those conditions, if the Council think fit to appoint him and the Society to elect him, and we recommend his appointment and election and that he be paid a conveyance allowance of Rs.150 per month to enable him to devote the necessary time to the work of the Society in addition to his other engagements. Dr. Hora has expressed his willingness to resign his office of General Secretary as his public work prevents him from devoting more than a few hours weekly to the work of the Society.

We recommend also that Mr. De's probationary period be extended for one month from the 1st January, 1943, that the consideration of the

questions regarding the staff and Library be postponed until Dr. Nag had an opportunity to look into them and assist us with his advice and experience, that Dr. Hora be added to the Committee and that we be allowed two months within which to make our final report. Sd. Sir John Lort-Williams, S. P. Mookerjee, R. C. Majumdar and S. L. Hora.

Note by Dr. M. N. Saha.—I was not present during the later stages of deliberation of the Committee as I had to go to Delhi. I cannot say that I am in full agreement with all that is said in the report. I intend, however, to raise no objection to the proposals made, which may be given a trial. I wish, however, to add that the proposals scarcely go to the root of the troubles.

To my mind, the ideal solution should be to appoint a whole time Assistant Secretary, and assign to him duties similar to those given to the Assistant Secretary of the Royal Society. I would request the members of the Council to look through the pages of the Year Book of the R.S. where these duties are very fully described.

There would be two obstacles to the adoption of such a proposal (1) The financial question; (2) amendment of the rules. I do not consider (1) is insuperable; (2) requires careful consideration. I think that the rules of R.A.S.B. are not quite satisfactory but require revision. Cannot the Council do this work?

Letter of resignation from Mr. J. C. De, dated 31-12-43. Accept. The General Secretary reported that it had been necessary also to provide for the Library work without delay and he had engaged provisionally Messrs. B. C. Bose and S. K. Saraswati—the former upon a salary of Rs.75 per month as a full-time assistant and the latter for part-time work of three hours daily at a remuneration of Rs.100 per month to be debited to one of the special funds. Confirm action taken and refer to Special Sub-Committee to include recommendations upon this matter in their report. Council No. 3. 14-1-43.

Final Report of the Sub-Committee, dated 30-1-43.—During the last two months we have had a full opportunity of enquiring into the working of the system of administration recommended by the Special Enquiry Committee and the other matters referred to us and we have had the advantage of Dr. Nag's co-operation and advice. We are satisfied that the state of slackness and confusion, inadequacy and inefficiency to which we referred in our preliminary report was not due to any fundamental defects in the system recommended and adopted for the Library, the staff and the administration generally, but to factors, some temporary and some of longer standing, which have impeded seriously the successful working of the system. These factors are:—

(1) Disorganization, confusion, and partial suspension of work as a result of A.R.P. measures taken to safeguard our possessions.

(2) Lack of regular and adequate supervision and continuity of policy owing to upset caused by transfers of personnel among Government servants.

(3) General slackness, indiscipline, lack of co-ordination and inattention to work of the staff, partly due to war scares.

(4) Inefficiency, unsuitability, and lack of necessary cultural equipment of certain members of the staff, particularly in the Library.

(1) These (A.R.P.) measures have now been completed. Partly due to inconsistent orders, of the 32,000 odd volumes of books, etc., ten months were spent by the old staff of the Library in removing some 20,000 to the ground floor, whereas the balance of 12,000 has been removed, under Dr. Nag's direction, in the single month of January 1943.

(2) This condition has been remedied by the appointment of Dr. Nag as General Secretary, upon the terms recommended in our preliminary report.

(3) General slackness and indiscipline, etc. of many members of the staff, both clerical and menial, had gradually reached very serious proportions. Henceforth a register should be kept by the Superintendent of the time kept by every member of the staff and the Rules about late attendance, etc., strictly enforced by the General Secretary. The authority of the Superintendent should be strengthened—all complaints, etc., should be made to him and brought by him to the notice of the General Secretary. Any approach by any member of the staff to individual members of the Council should be considered a ground for dismissal.

(3) and (4) Our task has been simplified to some extent by (a) the resignation of Mr. De. (b) The resignation of Mr. Das. (c) The dismissal of the temporary Filing Clerk whose services were no longer necessary. (d) The headlong flight without notice of all but four of the menial staff after the air-raid on 24-12-43. These were the men upon whom we had sought to rely for A.R.P. measures. Their work and discipline had been unsatisfactory for some considerable time and they were dismissed summarily. A smaller number of menials, including cycle peons, on slightly higher pay, have been appointed in their place.

Book Library.

A modified version of the 'Dewey' system of cataloguing, etc., was adopted upon the recommendation of the Special Enquiry Committee, after very careful consideration of experienced advice. We are of opinion that it is fully adequate and eminently suitable for the peculiar needs of our Library. The necessary special registers and equipment were purchased, at a cost of Rs.711, so far back as August 1941. We find that during the seventeen intervening months very little work has been done on the Authors Catalogues, less on the Subjects Catalogue and some of the Registers have not even been touched. For many months nothing has been done at all. In such a lamentable state of affairs and in face of such gross slackness, confusion, ignorance and lack of necessary experience of those responsible, we are not surprised at the report of the Library Sub-Committee. But the defects are not in the system adopted, but in the omission to work it.

We estimate that with a proper staff and ordinary application the Authors Catalogue from 1934 to date can be completed within three months.

Dr. Nag has transferred to the Library Ray, who in the past has had considerable experience of work in our Library, and intends to transfer Gupta also, who is able to type. In addition, we recommend that Mr. B. C. Bose, M.A., who has been appointed provisionally, be appointed permanently as Library Assistant upon the grade of Rs.75—5—125. We recommend also that Gupta, who has been about 19 years in our service upon the lower grade of Rs.50—3—80, plus a personal allowance of Rs.10 recommended by the Special Enquiry Committee, be raised to the grade of Rs.75—5—125 with a commencing salary of Rs.100.

MSS. Library.

The neglect of our priceless collection of MSS. for many years past amounts almost to a disgrace. Since the death of Dr. H. P. Sastri their cataloguing has been talked about for a long time, but very little has been done and, in our opinion, much money has been wasted. We find that two part-time Editors alone succeeded in absorbing Rs.25,000. We undertook, over six years ago, to prepare, within 2 years, a catalogue of 11,000 MSS. from the Indian Museum, entrusted to us by Government

and the work has not yet been touched. We consider that these heavy tasks should be undertaken forthwith and actively and unceasingly pursued by culturally qualified students tackling particular collection and being remunerated, upon a specified project basis, out of the Oriental Publication Funds until the whole work has been completed. We cannot afford to get all this necessary work done quickly without some voluntary help and we recommend that efforts be made to enlist promising young scholars who are interested in this kind of work, and, in addition, that Mr. S. K. Saraswati, M.A., who has been appointed as Library Assistant provisionally upon a part-time basis of 3 hours daily at a salary of Rs.100 per month be retained upon the same terms for the time being. The question of his permanent employment may be considered after six months' experience has been gained. His salary should be debited to the Oriental Publications Fund No. 1.

Audit and Valuation, Press, Publications, Stock.

The insurance of our possessions is in a most unsatisfactory and muddled condition, mainly owing to the fact that we have only the vaguest idea about their value. A proper valuation, so far as possible, should be commenced immediately and a new Policy taken out to cover accurately specified properties and complete inventories should be made of all our assets. A thorough overhaul of *stock* is necessary and accurate statements prepared showing which of our publications have been completed. The *Press and Publications* side of our activities has been neglected and has suffered on account of slackness, lack of interest, unsuitability and lack of necessary equipment of the staff employed. We require constant information and advice about the business part of our undertaking and guidance about which publications are most in demand, so as to avoid blocking too much capital in slow-selling publications. For all these purposes we recommend the provisional appointment of Mr. D. Burman, M.Com., on a part-time basis of 3 hours daily and a salary of Rs.100 per month to date from the 1st of February, 1943. His permanent appointment may be considered later.

It will be observed that our recommendations are mainly tentative and experimental and their success will depend upon constant supervision, trial, consultation and report. In conclusion therefore we recommend that this Sub-Committee be re-appointed, to assist the General Secretary, make interim reports if necessary, and, after six months' trial, review the situation generally, report to the Council on the results of the measures taken, and advise about the future. (Sd. C. S. Fox, Sir John Lort-Williams, C. W. Gurner and Kalidas Nag.) (Drs. Saha, Majumdar and Hora dissented.)

Consideration of Final Report of the Sub-Committee appointed by the Council on 2-11-42. Council Order: Accept the majority report. Mr. Bose to remain provisionally appointed. Mr. Gupta granted provisionally a salary of Rs.100 irrespective of grade with effect from 1st February, 1943. Mr. D. Burman, M.Com., to be appointed for five months on Rs.100 per month from 1st February, 1943. Mr. Pramili Bose, Assistant Librarian, Calcutta University, is appointed to assist in the organization of the Library on an honorarium of Rs.300. The Sub-Committee not to be re-appointed. No. 10. 16-2-43.

REPRESENTATION.—Letter from the National Institute of Sciences of India requesting to nominate two representatives of the Society to serve on its Council as an additional Vice-President and an additional member of Council for 1943. Mr. W. D. West and Dr. D. M. Bose be re-nominated as an additional Vice-President, and an additional member of Council respectively to represent the Society on the Council of the National Institute of Sciences of India. Council No. 1. 14-1-43.

Letter from the Calcutta University requesting to nominate a representative to serve on the Special Committee for the appointment of the Kamala Lecturer for 1943. Dr. R. C. Majumdar be the Council nominee. Council No. 1. 19-5-43.

Letter from the Registrar, Calcutta University, requesting the Society to nominate a representative to serve on the Selection Committee for the award of the Sarojini Basu Medal. Dr. B. C. Law be the Society's nominee. Council No. 1. 21-6-43.

Letter, dated 3-9-43, from the Honorary Secretary, National Institute of Sciences of India, requesting the Society to send representatives of the Society to participate in the Symposium on the 27th and 28th September. Dr. R. C. Majumdar and Dr. M. Ishaque be the Society's representatives. Council No. 1. 15-9-43.

Representation of the Society at the 12th Session of the All-India Oriental Conference which will be held at Benares in December 1943. Dr. Majumdar be requested to represent the Society. Council No. 1. 25-10-43.

Representation of the Society at the 6th Session of the Indian History Congress which will be held at the Muslim University, Aligarh, in December 1943. Dr. Majumdar be requested to represent the Society. Council No. 2. 25-10-43.

Circular letter from the National Institute of Sciences of India, dated 3-11-43, requesting: (a) The Society's views on the resolutions adopted at the meeting of the Symposium with regard to the formation of a National Research Council in India. Intimate that the Society approve generally of the resolutions of the Symposium. (b) To nominate representatives of the Society to attend the meeting of the Symposium which will be held in Delhi in December 1943. Dr. S. P. Agharkar, Dr. M. N. Saha and Dr. R. C. Majumdar be requested to represent the Society. Council No. 3. 19-11-43.

REQUESTS.—Letter from the Hony. Secretary, 'Common Wealth' requesting the use of the Society's Hall, once a month, for public meetings to be held under the auspices of 'Common Wealth'. Decline. Council No. 2. 29-7-43.

Letter from the Hony. Secretary, National Institute of Sciences of India, requesting the use of the Society's hall for holding Symposium on the 27th and 28th August. Grant on usual charge of Rs.10 per day. Council No. 15. 29-7-43.

Letter, dated 11-9-43, from the Honorary Secretary, National Institute of Sciences of India, requesting the use of the hall of the Society for the Symposium on 27th and 28th September, free of charge. No charge to be made for the meetings of the National Institute of Sciences of India as a special case in view of their paying regular room rent to the Society. Council No. 12. 15-9-43.

Dr. S. N. Sen's letter requesting free gifts of certain books published in the Bibliotheca Indica Series. Allow a discount of 40% on the books asked and supply Journals free as requested. Bib. Ind. Com. No. 8. 6-9-43.

Letter from the Business Manager, Bengal Entertainment Services, Calcutta, dated 20-10-43, requesting to be allowed to display a notice board at the south-west corner of the Society concerning the 'BESA' Theatre. Permitted free of any charge subject to rights of lessees; the applicant be written to reduce the size of the board. Council No. 12. 25-10-43.

Request for the use of the Society's hall for the 38th Annual General Meeting of the Mining, Geological and Metallurgical Institute of India on Friday, the 21st January, 1944. Grant on usual charge of Rs.10. Council No. 2. 19-11-43.

Request from Sir Cyril S. Fox, Kt., to be allowed temporarily the use of a room on the ground floor for his office on a monthly rent of Rs.60. Grant, subject to one month's notice on either side. Council No. 7. 19-11-43.

STAFF.—Application from D. K. Das, Press Clerk, for a loan of Rs.500 from the Provident Fund, alternatively tendering his resignation. Loan cannot be granted as it is against Provident Fund Regulations. Accept resignation. Fin. Com. No. 4. 14-1-43.

Report payment of the Provident Fund dues to Mr. D. K. Das (resigned) according to Provident Fund Rules. Record. Fin. Com. No. 3. 16-2-43.

The question of the payment of the full benefit of the Provident Fund money standing in the name of Mr. D. K. Das. Pay full amount. Fin. Com. No. 4(a). 16-2-43.

Application from D. K. Das, dated 24-1-43, withdrawing his letter of resignation, dated 9-1-43. Express regret. Council No. 8. 16-2-43.

Application from the Superintendent, dated 16-2-43. Grant a personal allowance of Rs.20 with effect from 1-1-43. Fin. Com. No. 5. 16-2-43.

Date from when Pandit G. N. Bhattacharya will be put in his new grade of Rs.60—5—30 as recommended by the Special Library Committee of 28-6-43. 1st of January, 1944. Fin. Com. No. 6. 29-7-43.

Order as to the Fund out of which Mr. S. K. Saraswati is to be paid his salary when he will be put in charge of the Library. Pay from the General Fund with effect from 1st August, 1943. Fin. Com. No. 5. 29-7-43.

The case of the Office Duftry, Sh. Chunna. His services be dispensed with with effect from the date of suspension; pay to him the aggregate amount only subscribed by him to the Provident Fund, without interest, in accordance with the conditions of No. 14 of the Regulations regarding the Provident Fund; the Darwan, who detected the theft, be given a reward of Rs.5. The General Secretary was also authorized to provide fittings, locks, etc., to the Society's doors and windows as are found to be necessary for safeguarding the Society and its possessions against burglary, clandestine sale and theft. It was also resolved that in future such cases of theft as are detected should be placed in the hands of the Police. Council No. 2. 24-8-43.

Application, dated 17-12-43, from A. Michael (Stenographer) for change of grade. Grant a personal allowance of Rs.5 for special work with his annual increment due to him with effect from 1-1-44. Fin. Com. No. 3(h). 20-12-43.

**List of
Patrons,
Officers, Council Members, Members,
Fellows, and Medallists
of the
Royal Asiatic Society of Bengal,
on the 31st December, 1943**

PATRONS OF THE ROYAL ASIATIC SOCIETY OF BENGAL

1943 H.E. Field Marshal Viscount Wavell, P.C., G.C.B., G.M.S.I., G.M.I.E., C.M.G., M.C., Viceroy and Governor-General of India.
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1910-1916	.. Lord Hardinge of Penshurst, K.G., P.C., G.C.B., G.C.M.G., G.C.S.I., G.C.I.E., G.C.V.O., I.S.O.
1917-1922	.. The Most Hon'ble the Marquess of Zetland, P.C., G.C.S.I., G.C.I.E.
1922-1927	.. The Right Hon'ble the Earl of Lytton, P.C., G.C.S.I., G.C.I.E.
1926-1931	.. The Right Hon'ble the Viscount Halifax, K.G., P.C., G.C.S.I., G.C.I.E.
1927-1932	.. Colonel Sir Francis Stanley Jackson, P.C., G.C.I.E.
1931-1936	.. The Right Hon'ble the Earl of Willingdon, G.M.S.I., G.C.M.G., G.M.I.E., G.B.E.
1932-1938	.. The Right Hon'ble Sir John Anderson, P.C., G.C.B., G.C.I.E.
1936-1943	.. The Most Hon'ble the Marquess of Linlithgow, K.T., P.C., G.M.S.I., G.M.I.E., G.C.I.E., D.L., O.B.E., T.D.
1938-1943	.. Sir John Arthur Herbert, G.C.I.E.

OFFICERS AND MEMBERS OF COUNCIL OF THE ROYAL ASIATIC SOCIETY OF BENGAL DURING THE YEAR 1943

Elections Annual Meeting, 1943

President

Dr. Syamaprasad Mookerjee, M.A., B.L., D.Litt., LL.D., Barrister-at-Law.

Vice-Presidents

Sir Cyril S. Fox, D.Sc., M.I.Min.E., F.G.S., F.N.I., F.R.A.S.B.

Sir John Lort-Williams, Kt., K.C.

Dr. Meghnad Saha, D.Sc., F.R.S., F.N.I., F.R.A.S.B.

Dr. S. C. Law, M.A., B.L., Ph.D., F.Z.S., M.B.O.U., F.N.I.

Secretaries and Treasurer

General Secretary :—Dr. Kalidas Nag, M.A., D.Litt.

Treasurer :—C. W. Gurner, Esq., C.S.I., I.C.S.

Philological Secretary :—Dr. Nalinaksha Dutt, M.A., Ph.D., D.Litt.

Joint Philological Secretary :—Dr. M. Z. Siddiqi, M.A., Ph.D.

Natural History Secretaries { Biology :—Dr. S. P. Agharkar, M.A., Ph.D., F.N.I.
Physical Science :—Dr. K. N. Bagchi, D.Sc., M.B.,
F.I.C., D.T.M., F.N.I.

Anthropological Secretary :—Dr. W. G. Griffiths, M.A., B.D., B.Sc., Ph.D.

Historical and Archaeological Secretary :—Dr. R. C. Majumdar, M.A.
Ph.D., F.R.A.S.B.

Medical Secretary :—Dr. J. B. Grant, M.D., M.P.H., F.A.P.H.A.

Library Secretary :—Dr. Sunder Lal Hora, D.Sc., F.Z.S., F.R.S.E., F.N.I.,
F.R.A.S.B.

Other Members of Council

The Hon'ble Mr. Justice N. G. A. Edgley, M.A., I.C.S., J.P.,
Barrister-at-Law.

L. R. Fawcett, Esq., C.I.E., I.C.S.

Percy Brown, Esq., M.B.E., A.R.C.A., F.R.A.S.B.

Dr. B. C. Law, M.A., B.L., Ph.D., D.Litt., F.R.G.S., F.R.A.S.B.

Dr. M. Ishaque, M.A., B.Sc., Ph.D.

APPOINTMENTS, ABSENCE AND OTHER CHANGES DURING THE YEAR

Mr. Percy Brown, absent from 1st April to 1st November.

Mr. C. W. Gurner, absent from 19th April to 28th May.

The Hon'ble Mr. Justice Edgley, Offg. Treasurer from 19th April to 28th
May; absent from 5th September to 1st November.

Dr. R. C. Majumdar, Library Secretary from 3rd May.

Dr. S. L. Hora, Member of Council from 3rd May; absent from 1st July
to 15th August.

Dr. W. G. Griffiths, absent from 6th May to 21st June.

Dr. S. P. Agharkar, absent from 10th May to 1st July; 15th to 31st
December.

Sir John Lort-Williams, absent from 25th August to 1st November.

Sir Cyril S. Fox, absent from 1st September to 1st November.

Dr. M. Z. Siddiqi, absent from 15th September to 1st November.

ORDINARY MEMBERS

R=Resident. N=Non-Resident. F=Foreign. A=Absent. L=Life.

An Asterisk is prefixed to names of Ordinary Fellows of the Society.

Date of Election		
5-4-22	R	* Abdul Ali , ABUL FAIZ MUHAMMAD, M.A., M.R.A.S., F.R.S.L., F.R.G.S., F.R.H.S., F.R.A.S.B. 3 Nawab Abdur Rahman Street, Calcutta.
4-1-43	R	Abdul Hai , HAFIZ MUHAMMED, M.A., <i>Professor in Arabic and Persian, Presidency College.</i> 42-A Beniapukur Road, 2nd Floor, Block D, Calcutta.
2-11-25	N	Acharya , PARAMANANDA, B.S.C., <i>State Archaeologist, Mayurbhanj State, P.O. Baripada.</i>
2-3-21	R	Agharkar , SHANKAR PURUSHOTTAM, M.A., PH.D., F.L.S., F.N.I., <i>Sir Rash Behari Ghose Professor of Botany, Calcutta University.</i> 35 Ballygunge Circular Road, Calcutta.
3-2-36	N	Ahmad , ALFAZUDDIN, KHAN BAHADUR, <i>Offg. Assistant Director of Public Instruction for Muhammedan Education, Bengal (ret'd.).</i> Dhalhora, Tamluk, Midnapur.
2-8-43	N	Ahuja , Y. D., M.A., M.O.L., <i>Head of the Department of Persian and Urdu, Doaba College.</i> Jullundur City, Punjab.
6-6-17	N	Aiyangar , K. V. RANGASWAMI. RAO BAHADUR, M.A., <i>Director of Public Instruction, Travancore (ret'd.).</i> Vasumati Vilas, Rangachari Road, Mylapore, Madras.
6-12-26	N	* Aiyangar , S. KRISHNASWAMI, DEWAN BAHADUR, M.A., PH.D., M.R.A.S., F.R.HIST.S., F.R.A.S.B., RAJASEVASAKTA, <i>Professor, University of Madras.</i> 'Sripadam', 143 Brodies Road, Mylapore, Madras, S.
1-12-20	N	Akbar Khan , MAJOR NAWAB SIR MOHAMMED, K.B.E., C.I.E., LT.-COL., I.A., <i>Khan of Hoti.</i> Hoti, N.-W.F.P.
2-11-42	R	Akbar , M. (NEDVI), M.A., <i>Lecturer, Calcutta University,</i> 22 Nilmadhab Sen Lane, Calcutta.
3-5-43	R	Aken , C. E. VAN, <i>Consul for the Neihierlands in Calcutta.</i> 27 Dalhousie Square, Calcutta.
5-6-39	R	Ali , S. SHAMSER, <i>Insurance Underwriter.</i> 3 Bright Street, Ballygunge, Calcutta.
1-6-42	R	Alimuddin , M. S., <i>Mutwalli to the Wakf Estate, Khan Sahib M. S. Azizuddin, Landlord.</i> Post Box No. 6777, Calcutta.
4-4-38	A	Anderson , J. 15 Park Street, Calcutta.
3-7-12	F	Andrews , EGBERT ARTHUR, B.A. c/o The Royal Empire Society, Northumberland Avenue, London, W.C.
6-5-40	R	Asadullah , KHALIFA MOHAMMAD, KHAN BAHADUR, <i>General Central Service Class I; Librarian, Imperial Library.</i> 34 Chittaranjan Avenue, Calcutta.
3-3-30	L	Ashton , HUBERT SHORROCK, <i>Merchant.</i> Trueloves, Ingatestone, Essex, England.
2-11-42	N	Aucott , MRS. ANNE, <i>Teacher, Rathlin Hall School,</i> Darjeeling.

Date of Election.		
3-9-34	R	Auden, JOHN BICKNELL, M.A. (CANTAB.), F.G.S., F.N.I., Assistant Superintendent, Geological Survey of India. 27 Chowringhee, Calcutta.
3-11-30	R	Austin, GEORGE JOHN, Sanitary Engineer, Messrs. J. B. Norton & Sons, Ltd. Stephen House, 5 Dalhousie Square, Calcutta.
1-5-39	A	Ayrton, SHAVUX MUNCHERSHAW, Assistant, Messrs. Shaw Wallace & Co. Madon Mansions, 275-C Bow Bazar Street, Calcutta.
3-3-14	L	*Bacot, J., F.R.A.S.B. Boulevard Saint-Antoine, 61 Versailles Seine-et-Oise, France.
7-9-36	R	Bagchi, K. N., RAI BAHADUR, B.SC., M.B. (CAL.), F.I.C. (LOND.), D.T.M. (CAL. & L'POOL), Chemical Examiner to the Government of Bengal. Medical College, Calcutta.
1-11-26	R	Bagchi, PROBODH CHANDRA, M.A., DR.-ES-LETTRES (PARIS), Member of the A.S. of Paris; Lecturer, Calcutta University. 94 Ballygunge Place, Ballygunge, Calcutta.
1-3-26	R	Bagnall, JOHN FREDERICK, B.SC., A.M.I.MECH.E., A.M.I.E.E., A.M.INST.C.E., CAPT., I.E. Office of the Chief Engineer of Factories, 34 Park Street, Calcutta.
2-4-24	N	*Bahl, K. N., D.SC., D.PHIL., F.N.I., F.R.A.S.B., Professor of Zoology, Lucknow University. Badshabagh, Lucknow.
3-8-42	R	Bake, ARNOLD ADRIAN, M.A. (OXON), D.LITT. 6 Temple Chambers, 6 Old Post Office Street, Calcutta.
7-4-41	R	Baker, ERNEST BRAIN HINDLEY, O.B.E., I.C.S., Jt. Secretary to the Home Department, Government of Bengal. 5 Wellesley Place, Calcutta.
5-4-43	R	Banerjee, BINAYAKANATH, M.A., B.L., Advocate, Calcutta High Court. 6/1 Williams Lane, Calcutta.
1-8-38	R	Banerjee, J. N., M.A., PH.D., Lecturer, Calcutta University. 28 Manoharpukur Road, Calcutta.
7-12-36	R	Banerjee, S., I.C.S. 14 Dover Park, Ballygunge, Calcutta.
1-9-41	N	Banerji, SURES CHANDRA, M.A., Zemindar. 45 Lakshmi Bazar, Dacca.
3-12-23	R	Barwell, N. F., M.A., M.C., LT.-COL. (retd.). Barrister-at-Law. Temple Chambers, 6 Old Post Office Street, Calcutta (and) Aylmerton House, Aylmerton, Norfolk, England.
2-10-39	N	Bastin, REGINALD WALTER, I.C.S. Magistrate's House, Noakhali.
7-12-36	R	Basu, INDUBHUSAN, M.D. (CAL.), Medical Practitioner; Associate Professor of Medicine and Visiting Physician, Carmichael Medical College. 19 Vivekananda Road, Calcutta.
6-2-39	R	Basu, JNANENDRA NATH, VIDYALANKAR, Member, Benares Hindu University Court; Fellow, Theosophical Society; Landholder; Director, Messrs. Thacker Spink & Co. 9 Park Lane, Calcutta.
3-12-24	R	Basu, JATINDRA NATH, M.A., M.L.C., Solicitor. 14 Baloram Ghose Street, Calcutta.
5-2-40	N	Basu, MRIGANKA MAULI, I.C.S., District Magistrate. Bogra.
1-3-26	R	Basu, NARENDRA KUMAR, M.L.C., Advocate, High Court. 12 Ashu Biswas Road, Bhawanipore, Calcutta.
2-10-39	N	Basu-Mazoomder, WOOSHACUR, B.L., M.R.A.S., F.R.S.A. (LOND.), Bengal Civil Service (Judicial); Munsif. Jangipur, Murshidabad.

Date of Election.		
7-7-09	N	Bazaz , RANGNATH KHEMRAJ, <i>Proprietor, Shri Venkateshwar Press</i> . 7th Khetwadi, Bombay No. 4.
4-3-40	N	Bell , FRANK OWEN, B.A. (CANTAB.), I.C.S., <i>District Magistrate, Dacca</i> .
7-5-34	R	Bent , WILLIAM ANTONY, <i>Assistant, Messrs. George Henderson & Co., Ltd.</i> 101/1 Clive Street, Calcutta.
4-3-25	N	Benthall , THE HON'BLE SIR EDWARD C., K.T., <i>Member, Viceroy's Council</i> . 3 Queen Victoria Road, New Delhi.
7-4-09	L	* Bentley , CHARLES A., C.I.E., M.B., D.P.H., D.T.M. & H., F.R.A.S.B., <i>Professor of Hygiene</i> . University of Egypt, Cairo.
8-1-36	N	Berkeley-Hill , OWEN, A.R., M.A., M.D., B.CH. (OXON), M.R.C.S. (ENGLAND), D.T.M. (LOND.), LT.-COL., I.M.S. (retd.). Station View, Ranchi.
4-6-28	N	Bhadra , SATYENDRA NATH, RAI BAHADUR, M.A., <i>Formerly Principal, Jagannath Intermediate College</i> . 5 Nayabazar, Dacca.
1-8-17	R	* Bhandarkar , DEVADATTA RAMKRISHNA, M.A., PH.D., F.R.A.S.B. 2/1 Lovelock Street, Ballygunge, Calcutta.
2-11-42	R	Bhagat , PHOOLCHAND, <i>Mill-owner and Merchant</i> . Bhagat Villa, Grand Trunk Road, Konnagar, Dt. Hooghly.
6-5-40	N	Bharucha , FARROKH E., <i>Merchant</i> . Canada Building, Hornby Road, Bombay.
5-8-43	R	Bhattacharya , JOGESH CHANDRA, M.A., <i>Lecturer in English, City College</i> . 79 Sambhunath Pandit Street, P.O. Elgin Road, Calcutta.
7-7-24	L	Bhattacharyya , BINOYTOSH, M.A., PH.D., RAJARATNA, <i>General Editor, Gaekwad's Oriental Series, and Librarian, Oriental Collections, Baroda State</i> . Baroda.
1-2-43	N	Bhattacharjee , MRS. SERAPIA. 3/B Davis Road, Lahore.
4-6-28	N	Bhattachali , NALINI KANTA, M.A., PH.D., <i>Curator, Dacca Museum</i> . Ramna, Dacca.
5-3-28	R	Biswas , THE HON'BLE MR. JUSTICE CHARU CHANDRA, C.I.E., M.A., B.L., <i>Judge, High Court</i> . 58 Puddopukur Road, P.O. Elgin Road, Calcutta.
1-8-23	L	Biswas , KALIPADA, M.A., D.SC. (EDIN.), F.R.S.E., <i>Superintendent, Royal Botanic Garden</i> . Sibpur, Howrah.
3-1-27	N	Bivar , HUGH GODFREY STUART, I.C.S., <i>District and Sessions Judge</i> . Faridpur.
6-12-43	R	Bonnerjee , MISS SADHONA, <i>Research Scholar</i> . 66 Lansdowne Road, Calcutta.
4-11-35	N	Bor , N. L., M.A., D.SC., F.L.S., I.F.S. Burma Refugee Organization, Shillong, Assam.
2-8-43	N	Bose , JOGESH CHANDRA. 'Vasudham', P.O. Contai, Dt. Midnapur.
6-7-25	R	Bose , MANMATHA MOHAN, M.A., <i>Professor Emeritus, Scottish Church College</i> . 19 Gokul Mitra Lane, Hatkhola, Calcutta.
7-12-36	N	Bose , AMBUJ NATH, M.B.E., M.D. (LAUSANNE), F.R.C.P. (EDIN. & LOND.), LT.-COL., I.M.S. C.I.M.H., Abbottabad, N.-W.F.P.
4-12-39	R	Bose , DEBENDRA MOHAN, M.A., PH.D., F.N.I., <i>Director, Bose Research Institute</i> . 93 Upper Circular Road, Calcutta.
7-8-39	R	Bose , GIRINDRASHEKHAR, M.B., D.SC., F.N.I., <i>Professor of Psychology and Head of the Department of Psychology, Calcutta University</i> . 14 Parsi Bagan Lane, P.O. Amherst Street, Calcutta.

Date of Election.		
2-3-31	N	Bose, SUDHANSU KUMAR, B.SC. (CAL.), A.R.S.M., B.SC. (MINING) (LONDON), Professor of Mining and Surveying. Indian School of Mines, Dhanbad.
2-1-39	R	Bose, SUDHANSU MOHAN, M.A., LL.B. (CANTAB.), Barrister-at-Law. 3 Federation Street, P.O. Amherst Street, Calcutta.
2-11-36	N	Bothra, SUBHKARAN SINGH, Banker. Kundigar Bhairon, Jaipur City.
4-5-31	R	Bottomley, JOHN MELLOR, C.I.E., B.A. (OXON), I.E.S. (retd.), Formerly Director of Public Instruction, Bengal. 5 Mayfair Road, Ballygunge, Calcutta.
5-12-32	A	Boyle, CECIL ALEXANDER, MAJOR, D.S.O., Adviser in Languages and Secretary to the Board of Examiners. Army Headquarters, Simla.
3-12-34	R	Brahmachari, PHANINDRA NATH, M.SC., M.B. 19 Loudon Street, Calcutta.
1-1-08	L	*Brahmachari, SIR UPENDRA NATH, KT., RAI BAHADUR, M.A., PH.D., M.D., F.S.M.F., F.N.I., F.R.A.S.B. 19 Loudon Street, Calcutta.
7-11-27	N	Brahmachary, SARAT CHANDRA, RAI BAHADUR, M.A., B.T. Kasba Road, Ballygunge, P.O. Dhakuria, 24-Pergas.
6-1-36	A	Brocke, A. G., D.SC. (DOCTOR PHILOSOPHIE NATURALIS) (JENA), Branch Manager, Pharmaceutical Department, 'Bayer'. 52/4/1 Ballygunge Circular Road, Calcutta.
3-7-07	L	*Brown, JOHN COGGIN, O.B.E., D.S.C., F.G.S., M.I.M.E., M.INST.M.M., M.I.E., F.R.A.S.B. c/o Messrs. Grindlay & Co., 54 Parliament Street, Westminster, London, S.W.1.
6-10-09	R	*Brown, PERCY, M.B.E., A.R.C.A., F.R.A.S.B., Secretary and Curator, Victoria Memorial. Calcutta.
4-3-40	A	Bruce, ALEXANDER EDWIN ROBERT, B.A., A.C.P., M.R.S.T., F.R.G.S., A.R.I.P.H.H., M.R.A.S., CAPT. 12 Russell Street, Calcutta.
8-1-96	F	*Burn, SIR RICHARD, KT., C.S.I., M.A., F.R.A.S.B. 9 Staverton Road, Oxford, England.
4-12-39	R	Cameron, REV. ALLAN, M.A., B.D., Principal, Scottish Church College. 3 & 4 Cornwallis Street, Calcutta.
4-7-38	A	Carstairs, ANDREW McLAREN, M.A., Bengal Chamber of Commerce. Royal Exchange Buildings, 2 Clive Street, Calcutta.
3-2-36	F	Catto of CAIRNCATTO, THE RIGHT HON'BLE LORD, BART. 'Woodlands', Clamp Hill, Stanmore, Middlesex, England.
1-9-20	R	Chakladar, HARAN CHANDRA, M.A. 28/4/2 Srimohan Lane, Kalighat, Calcutta.
7-3-32	R	Chuckerbutty, KHIRODE BEHARI, Engineer and Manufacturer. 7 Hindusthan Park, P.O. Ballygunge, Calcutta.
4-7-27	L	Chakravarti, CHINTAHARAN, M.A., KAVYATIRTHA, Professor of Bengali. Krishnagar College, Krishnagar.
3-2-30	N	Chakravarti, M. N., M.SC., Divisional Transportation Officer, N.W.R. Karachi.
3-1-27	N	Chakravarti, NIRANJANPRASAD, M.A., PH.D. (CANTAB.), Deputy Director-General, Archaeological Survey of India. Simla.
6-2-39	N	Chakravarti, RASH MOHAN, PH.B., PURANRATNA, VIDYAVINODE, Superintendent, Rammala Chhatravas. P.O. Brahmanbaria, Dt. Tipperah.

Date of Election.		
3-1-06	L	Chapman, JOHN ALEXANDER. 32 Lavington Road, West Ealing, London, W.3.
7-2-27	N	Chatterjee, ASHOK, B.A. (CAL.), B.A. (CANTAB.), <i>Labour Welfare Officer</i> . Burnpur, via Asansol.
1-7-40	R	Chatterjee, A. B., M.A., <i>General Manager, Metropolitan Printing & Publishing House Ltd.</i> 4-B Council House Street, Calcutta.
27-10-15	F	Chatterjee, SIR ATUL CHANDRA, K.C.I.E., K.C.S.I., <i>Late High Commissioner for India</i> . Withdean, Cavendish Road, Weybridge, Surrey, England.
2-3-36	R	Chatterjee, MANOMOHAN, B.SC. (CAL.), PH.D. (LOND.), A.R.C.S., D.I.C., <i>Professor of Geology, Presidency College</i> . 170/2 Lower Circular Road, Calcutta.
1-10-20	R	Chatterjee, NIRMAL CHANDRA, <i>Barrister-at-Law</i> . 5 Theatre Road, Calcutta.
3-5-43	R	Chatterjee, PARESH CHANDRA. 6 Mission Row, Calcutta.
4-7-27	R	Chatterjee, PATITPABON, M.A., B.L., <i>Vakil, High Court</i> . 84 Harrison Road, Calcutta.
2-9-40	R	Chatterji, BANKIM CHANDRA, M.SC., <i>Department of Pure Mathematics, Calcutta University</i> . 31-B W. C. Bonnerjee Street, Calcutta.
4-6-34	N	Chatterji, BIJAN RAJ, PH.D. (LONDON), D.LITT. (PUNJAB), <i>Professor of History, Meerut College</i> . Meerut.
5-1-31	N	Chatterji, DURGACHARAN, M.A., <i>Lecturer in Sanskrit</i> . Krishnagar College, Krishnagar.
7-6-11	N	Chatterji, KARUNA KUMAR, M.B.E., LT.-COL., I.T.F., M.C., V.H.A.S. Sailasram, Kanke Road, Ranchi.
7-5-28	R	Chatterji, KEDAR NATH, B.SC. (LONDON), A.E.C.S. (LONDON). c/o <i>Probasi Office</i> , 120/2 Upper Circular Road, Calcutta.
6-8-24	R	*Chatterji, SUNITI KUMAR, M.A. (CAL.), D.LITT. (LONDON), F.R.A.S.B., <i>Kumar Guruprasad Singh Professor of Indian Linguistics and Phonetics, Calcutta University</i> . 'Sudharma', 16 Hindusthan Park (off Rashbehari Avenue East End), Ballygunge, Calcutta.
2-3-36	R	Chatterji, MRS. TUHINIK, M.A., KAVYATIRTHA, <i>Research Scholar, Examiner, Calcutta University</i> . 5 Wood Street, Calcutta.
5-11-24	R	Chattopadhyay, K. P., M.SC., <i>Professor and Head of the Department of Anthropology, Calcutta University</i> . 2 Palm Place, Ballygunge, Calcutta.
2-11-25	N	Chattopadhyaya, KSHETRESA CHANDRA, M.A., <i>Lecturer in Sanskrit</i> . Allahabad University, Allahabad.
4-4-38	R	Chaudhuri, MRS. ROMA, M.A., D.PHIL. (OXON), <i>Professor of Logic, Lady Brabourne College</i> . 3 Federation Street, Calcutta.
4-11-35	R	Chaudhuri, S. N. 52 Ballygunge Circular Road, Calcutta.
3-5-43	R	Chokhany, RAM DEV, RAI BAHADUR. 27 Baranashi Ghosh Street, Calcutta.
5-12-23	L	Chopra, B. N., D.SC., F.N.I., F.L.S., <i>Assistant Superintendent, Zoological Survey of India</i> . Kaiser Castle, Benares Cantonment.
1-2-22	R	*Chopra, SIR R. N., KT., C.I.E., M.A., SC.D., M.D. (CANTAB.), F.R.C.P., F.N.I., F.R.A.S.B., BREVET-COL., I.M.S., <i>Drug Research Laboratory, Jammu and Kashmir State</i> . Srinagar, Kashmir.

Date of Election.		
2-4-28	R	Chowdhury, RAI JATINDRANATH , <i>Zemindar</i> . 36 Russa Road, Tollygunge, Calcutta.
3-7-07	L	*Christie, WILLIAM ALEXANDER KYNOCH , B.S.C., PH.D., M.INST.M.M., F.R.A.S.B. Secretariat, Principal Supply Officers' Committee (India), Defence Department, Simla.
2-2-31	R	Clough, JOHN , <i>Barrister-at-Law</i> . 17 Store Road, Ballygunge, Calcutta.
5-5-30	F	Cooper, G. A. P. 29 Eccleston Street, Eaton Square, London, S.W.1.
6-3-39	R	Culshaw, REV. WESLEY JAMES , <i>Methodist Minister</i> , 16 Sudder Street, Calcutta.
5-12-39	N	Das-Gupta, C. C. , M.A., <i>Professor, Carmichael College</i> , Rangpur.
6-8-24	L	Davies, L. M. , LT.-COL., M.A., F.R.S.E., F.R.A.I., F.G.S. 8 Garscube Terrace, Murrayfield, Edinburgh, 12, Scotland.
4-3-29	R	De, J. C. , M.B., M.R.C.P., M.R.C.S., LT.-COL., I.M.S. 11 Rowland Road, Calcutta.
3-6-40	N	De, JATIS CHANDRA , M.A., B.L. (CAL.), M.A. (LOND.), <i>Lecturer in History, Hindu University</i> , Benares.
5-12-27	L	Dechhen, H.H. MAHARANI KUNZANG , <i>Maharani of Sikkim</i> , Gangtok, Sikkim.
5-5-30	N	Deo, SIR PRATAP CHANDRA BHANJ , K.C.I.E., <i>Maharajah, Ruler of Mayurbhanj State</i> . P.O. Baripada, Mayurbhanj, B.N.R.
4-5-10	L	Dhayle, SHANKAR BALAJI , B.A., I.C.S. (retd.), <i>Formerly Judge, Patna High Court</i> . The Bai Jerbai Wadia Library, Fergusson College, P.O. Deccan Gymkhana, Poona.
2-11-42	L	Dhiman, MEHAR CHAND , <i>Merchant</i> . Tulsi Niwas, 115 Benares Road, Salkia, Howrah.
4-8-20	N	*Dikshit, KASHINATH NARAYAN, RAO BAHADUR , M.A., F.R.A.S.B., <i>formerly Director-General of Archaeology</i> . New Delhi.
5-1-98	R	Dods, WILLIAM KANE , <i>Agent, Hongkong and Shanghai Banking Corporation</i> . 6 Minto Park, Alipur, Calcutta.
2-7-02	L	Doxey, FREDERICK . 'Ballygunge', Cooden Drive, Bexhill-on-Sea, Sussex, England.
7-11-32	R	Driver, DARAB CURSETJI , M.A. (CANTAB.), <i>Barrister-at-Law; Constituted Attorney to Messrs. Tata & Sons, Ltd; Managing Agents for The Tata Iron & Steel Co., Ltd.</i> 87/C Park Street, Calcutta.
6-6-38	N	Dudhoria, NABA KUMAR SING , <i>Zemindar and Banker</i> . Azimganj, Dt. Murshidabad.
6-9-37	A	Durniz-Podewils, COUNT , <i>Consul-General for Germany</i> . 34 Park Street, Calcutta.
2-1-33	N	Dutch, ROBERT AUSTEN , O.B.E., B.A. (CANTAB.), I.C.S., <i>Magistrate and Collector</i> . Noakhali, Tipperah.
30-9-35	R	Dutt, MOHENDRA NATH , L.E., I.S.E. (retd.), <i>Consulting Engineer</i> . 12 Kailas Bose Lane, Howrah.
5-12-32	R	Dutt, NALINAKSHA , M.A., B.L., PH.D., D.LITT. (LOND.), <i>Lecturer, Calcutta University</i> . 39 Badur Bagan Row, P.O. Amherst Street, Calcutta.
1-7-40	R	Dutt, SUDHIR CHUNDER, CAPT. , M.B., A.I.R.O., <i>Ophthalmic Surgeon, Mayo Hospital</i> . 214/2 Lower Circular Road, Calcutta.

Date of Election.		
2-12-40	R	Edgley, THE HON'BLE MR. JUSTICE NORMAN GEORGE ARMSTRONG, M.A. (OXON), Barrister-at-Law, I.C.S., Judge, Calcutta High Court. 9/1 Middleton Street, Calcutta.
1-11-38	A	Eekhout, JHR. P. J., Vice-Consul for the Netherlands. Clarke's Hotel, Simla.
5-1-31	L	Evans, PERCY, B.A. (CANTAB.), F.G.S., Geologist. c/o The Burma Oil Co., Digboi, Assam.
1-12-41	N	Ewart, DOUGLAS J., Missionary of Presbyterian Church of Scotland. Westminster Hostel, Rajshahi, Bengal.
6-2-28	L	Ezra, SIR DAVID, KT., F.Z.S., M.B.O.U. 3 Kyd Street, Calcutta.
2-5-38	R	Faroqui, NAWAB SIR K. G. M., KT., of Ratanpur. 10 Rowland Road, Ballygunge, Calcutta.
2-12-29	R	Fawcus, LOUIS REGINALD, C.I.E., B.A. (CANTAB.), I.C.S., Member, Board of Revenue, Bengal. United Service Club, Calcutta.
3-8-04	L	*Fermor, SIR LEWIS LEIGH, KT., O.B.E., M.INST.M.M., D.SC., A.R.S.M., F.G.S., F.R.S., F.N.I., F.R.A.S.B., Formerly Director, Geological Survey of India. 24 Durdham Park, Bristol 6, England.
4-1-26	F	Fleming, ANDREW. Rand Club, Johannesburg.
4-3-40	R	Foster, ALBERT RIDGELEY, B.SC., A.I.C., Agricultural^o Chemist and Agricultural Expert. c/o Imperial Chemical Industries (India) Ltd., 18 Strand Road, Calcutta.
5-11-13	L	*Fox, SIR CYRIL S., KT., D.SC. (BIRM.), M.I.M.E., F.G.S., F.N.I., F.R.A.S.B. Formerly Director, Geological Survey of India. 5 Loudon Court, Moira Street, Calcutta.
5-11-28	R	Galstaun, JOHN CARAPIET, O.B.E., Merchant and Landholder. 234/4 Lower Circular Road, Calcutta.
1-11-26	R	Galstaun, SHANAZAN G., M.A., D.M.R.E., F.F.R., M.R.C.S., L.R.C.P., Radiologist, Medical College Hospital. 34 Chowringhee Road, Calcutta.
6-10-09	R	*Gangoly, ORDHENDRA COOMAR, B.A., F.R.A.S.B. 84-B Shambhunath Pundit Street, Elgin Road, Calcutta.
5-11-34	A	Gee, EDWARD ROWLAND, M.A. (CANTAB.), F.N.I., F.G.S., Assistant Superintendent, Geological Survey of India. 27 Chowringhee, Calcutta.
2-1-33	N	George, JAMES, B.A. (CANTAB.), I.C.S., Deputy Commissioner. Darjeeling.
5-2-40	N	Ghatak, INDU BHUSHAN, B.A. (CAL.), C.T.E. (DAC.), MED. (AMB.), DIP.LBR. (B.L.A.), Examiner, Patna University; Lecturer, St. John Ambulance Association; Ex-member, Subordinate Educational Service, C.P.; Associate, Red Cross Society; Headmaster, Palgunj H.E. School, Palgunj. Patna.
6-2-33	L	Ghatak, JYOTISH CHANDRA, M.A. (TRIPLE), SAHITYA SARASWATI, JYOTISH-SAGARA, Professor, Calcutta University. 4 Boloram Bose Ghat Road, Bhawanipore, Calcutta.
5-8-43	R	Ghose, DEBES CHANDRA, Merchant and Tea Estate Agent. P.O. Box No. 632; 'Mission Court', P.12 Mission Row Extension, Calcutta.
1-11-43	R	Ghose, GOBINDA PROSAD, M.A., B.L., Landholder. 43 Rashbehari Avenue, Calcutta.
1-6-42	R	Ghose, RABINDRA CHANDRA, Barrister-at-Law. 10 Debendra Ghose Road, Bhawanipore, Calcutta.

Date of Election.		
3-12-24	R	Ghose, SUSHIL CHANDRA, B.A., Deputy Magistrate. 1 Sikdarbagan Street, Calcutta.
4-9-39	N	*Ghosh, SIR J. C., KT., D.SC., F.N.I., F.R.A.S.B., Director, <i>Indian Institute of Science.</i> Hebbal, Bangalore.
2-4-24	R	Ghosh, K., D.T.M., D.P.H. (CANTAB.), L.M.S., Medical Practitioner. 45 Creek Row, Calcutta.
7-3-27	R	Ghosh, PHANINDRA NATH, M.A., PH.D., SC.D. (PADUA), F.INST.P., Sir Rashbehary Ghosh Professor of Applied Physics, University of Calcutta. 92 Upper Circular Road, Calcutta.
1-6-42	R	Ghosh, PRAKRITY KUMAR, M.SC., PH.D., D.SC., D.I.C., F.N.I., Geologist, Geological Survey of India. 27 Chowringhee, Calcutta.
2-9-40	R	Ghosh, PRASHANTA KUMAR, M.B., D.T.M., M.R.C.P. (LONDON), Visiting Physician, Carmichael Medical College Hospital. P.7/1 Chittaranjan Avenue Extension, P.O. Beadon Street, Calcutta.
7-5-28	R	*Ghoshal, UPENDRA NATH, M.A., PH.D., F.R.A.S.B., Formerly Professor of History, Presidency College. 35 Badur Bagan Row, Calcutta.
1-2-26	R	Ghuznavi, SIR ABDUL HALIM, KT., M.L.A., Zemindar. 18 Canal Street, Entally, Calcutta.
6-8-28	R	Ghuznavi, ISKANDER S. K., Zemindar. 21 Syed Ameer Ali Avenue, Circus P.O., Calcutta (and) Dilduar, Mymensingh.
7-12-36	R	Gillespie, ANDREW DOLLAR, Chemist and Senior Partner, Messrs. Bathgate & Co. 17 Old Court House Street, Calcutta.
5-8-43	R	Gomes, POLYCARP JOSEPH, Secretary, European Group, Calcutta Corporation. 2/A Haralal Das Street, Calcutta.
1-12-41	R	Grant, JOHN B., C.B.E., M.D., M.P.H., F.A.P.H.A., Director, All-India Institute of Hygiene and Public Health. 110 Chittaranjan Avenue, Calcutta.
7-9-10	N	*Gravelly, FREDERIC HENRY, D.SC., F.N.I., F.R.A.S.B. Museum House, Egmore, Madras.
7-12-42	N	Griffiths, G. B., MAJOR, Frontier Force Rifles. c/o Messrs. Grindlay & Co., Ltd., Bombay.
6-5-40	R	Griffiths, REV. WALTER GERALDSON, B.SC. (CALIF.), B.D. (DREW), M.A. (NEW YORK), PH.D. (DREW), Missionary. 13 Wellington Square, Calcutta.
4-2-25	L	*Guha, B. S., M.A., PH.D. (HARVARD), F.N.I., F.R.A.S.B. Zoological Survey of India, Kaiser Castle, Benares Cantonment.
5-7-43	R	Gupta, HARISH CHANDRA, M.SC. (ALLAHABAD), I.C.S., Additional Land Acquisition Collector. 24/1 Ballygunge Circular Road, Calcutta.
2-11-42	R	Gupta, PRATUL CHANDRA, M.A., PH.D., Lecturer, Calcutta University. 125 Rashbehari Avenue, Calcutta.
5-3-19	N	Gupta, SIVAPRASAD. Seva Upavana, Benares City.
5-8-15	R	Gurner, CYRIL WALTER, B.A. (OXON), C.S.I., I.C.S., Chairman, Improvement Trust. 5 Clive Street, Calcutta.
2-8-43	N	Gurunath, MARTI MANNARIAH, M.A., Salt Merchant. 52 Brahmin Colony, Tuticorin, S. India.
1-2-43	R	Habibullah, A. B. M., M.A., PH.D. (LONDON), DIP.LIB. (LONDON), Lecturer, Department of History and Islamic History and Culture, Calcutta University. 11 Bondel Road, Ballygunge, Calcutta.

Date of Election.		
5-2-34	R	Haldar , BHARATI VIKAS, M.A., B.L., <i>Advocate, High Court.</i> 47 Haldarpara Road, Kalighat, Calcutta.
6-9-37	N	Halim , ABDUL, DE., M.A., <i>Lecturer in History, Muslim University.</i> Fida Manzil, Aligarh.
1-11-43	R	Halwasiya , PURUSHOTHAM DASS, <i>Merchant and Zemindar.</i> 47 Mukhtaram Babu Street, Calcutta.
2-4-24	R	Haq , M. MAHFUZ-UL, KHAN SAHIB, M.A., <i>Professor of Arabic and Persian, Presidency College.</i> 8/B Dargah Road, Park Circus, Calcutta.
1-11-43	R	Haralalka , BHAGABANDAS, M.A., <i>Merchant; Secretary, All-Bengal Weavers' Association.</i> 52/1/1 College Street, Calcutta.
1-2-26	F	Harris , H. G. Gunnespory Avenue, Ealing, London.
4-3-40	N	Harshé , RAMKRISHNA GANESH, B.A. (TILAK), D.LIT. (PARIS), <i>Registrar, Deccan College Post-Graduate and Research Institute.</i> Poona.
7-6-43	N	Hasan , ZAHUR-UL, M.A., PH.D., LL.B., <i>Advocate, High Court.</i> 'Gul Afshan', Moradabad, U.P.
2-11-42	R	Hawes , ROBERT MARTIN. 18 Ballygunge Circular Road, Calcutta.
7-8-39	A	Helland , BERNHARD ALVIN, M.A. (MINNESOTA), B.D. (AUGSBURG SEMINARY, U.S.A.), <i>Missionary; Principal, Kaerabani Boys' Middle English and Guru Training School.</i> Kaerabani, via Dumka, Santal Parganas.
2-11-42	R	Hendrie , JAMES HALKETT, <i>Associate Member, Institution of Mechanical Engineers; Major, Bengal Artillery; A.F.I., Manager, Calcutta Branch, Parry & Co., Ltd.</i> 19 British Indian Street, Calcutta.
6-8-28	N	*Heron , A. M., D.SC. (EDIN.), F.G.S., F.R.G.S., F.N.I., F.R.S.E., <i>Formerly Director, Geological Survey of India.</i> Mines and Geology Office, Hyderabad, Deccan.
4-11-35	R	Hirtzel , MICHAEL ARTHUR FREDERICK, O.B.E., M.A. (OXON), <i>Mercantile Assistant, Macneill & Co.</i> 2 Fairlie Place, Calcutta.
1-4-25	R	Hobbs , HENRY, MAJOR, V.D. 21 Old Court House Street, Calcutta.
2-12-40	R	Hodgson , LIONEL LEONARD, <i>Secretary and Treasurer, British and Foreign Bible Society (Calcutta Aux.).</i> Bible House, 23 Chowringhee Road, Calcutta.
2-11-21	L	*Hora , SUNDER LAL, RAI BAHADUR, D.SC., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B., <i>Director of Fisheries, Bengal.</i> 1 Deodar Street, Ballygunge, Calcutta.
7-6-43	N	Hosain , SAYED MOZAFFAR. <i>Garrison Engineer's Office, Namkum Division, Ranchi.</i>
6-6-23	L	*Howard , SIR ALBERT, KT., C.I.E., M.A., F.R.A.S.B., <i>Late Director, Institute of Plant Industry, Indore, and Late Agricultural Adviser to States in Central India.</i> 14 Liskeard Gardens, Blackheath, London, S.E.3.
7-3-32	R	Hughes , ARTHUR, B.A. (MANCHESTER), I.C.S., <i>Labour Commissioner, Bengal.</i> 8 Clive Street, C. Block, Calcutta.
6-8-34	N	Husain , SYED ATA, M.A. (CAL.), C.E. (ROORKEE), <i>Retired Superintending Engineer, Hyderabad State.</i> Mohalla Lingumpally, Hyderabad, Deccan.
6-6-23	A	*Hutton , J. H., C.I.E., I.C.S., M.A., D.SC., F.R.A.S.B. <i>University Museum of Archaeology and Ethnology, Downing Street, Cambridge, England.</i>

Date of Election.		
1-12-41	A	Ingalls, DANIEL HENRY HOLMES, M.A. (HARVARD), <i>Junior Fellow of Society of Fellows, Harvard University.</i> 2/7 Lansdowne Road, Calcutta.
1-2-11	L	Insch, JAMES. 18 Beechwood Avenue, Boscombe, Hants, England.
2-12-40	A	Isch-Wall, CLAUDE, LICENCIÉ-ÈS-SCIENCE (MATHÉMATIQUES ET PHYSIQUES), <i>Lieutenant, British Army.</i> Grand Hotel, Calcutta.
5-11-42	R	Ishaque, MOHAMMED, M.A., B.SC., PH.D. (LOND.), <i>Lecturer, Calcutta University.</i> 159/B Dhurumtollah Street, Calcutta.
2-5-38	R	Jacob, J. R., <i>Director, Messrs. B. N. Elias & Co.; Merchant and Landholder.</i> Norton Buildings, Old Court House Corner, Calcutta.
1-7-40	N	Jagannath, SRI, M.SC., I.S.R. c/o The General Manager, N.W.Ry., Lahore.
6-6-27	L	Jain, BALDEODAS, <i>Merchant and Banker.</i> 21 Armenian Street, Calcutta.
2-2-21	R	Jain, CHROTE LAL, M.R.A.S. 174 Central Avenue, Calcutta.
2-12-40	R	Jalan, MOHANLAL, Landlord. c/o Seth Soorajmall Jalan, Smriti Bhawan, 186 Chittaranjan Avenue, Calcutta.
7-4-41	N	Jamal-ud-Din, LIEUT.-COL. 1/A Model Town, Lahore.
1-11-38	R	Jatia, KANAI LALL. 21 Roopchand Roy Street, Calcutta.
4-2-29	R	Jenkins, WALTER ALLEN, C.I.E., D.SC. (SHEFFIELD), I.E.S., <i>Director of Public Instruction, Bengal.</i> United Service Club, Calcutta.
6-12-43	R	Johnson-Marshall, PERCY EDWIN ALAN, DIP.ARCH., A.E.I.B.A., CAPT., B.E., Architect and Planner. c/o Messrs. Grindlay & Co., Ltd., 6 Church Lane, Calcutta.
1-11-11	L	Kamaluddin, AHMAD, SHAMS'UL-'ULAMA, M.A., I.E.S. (retd.). 3 Nawab Abdur Rahman Street, Calcutta.
4-5-10	L	*Kemp, STANLEY W., B.A., D.SC., F.R.S., F.R.A.S.B., <i>Secretary of the Marine Biological Association of U.K., and Director of the Plymouth Laboratory.</i> The Laboratory, Citadel Hill, Plymouth, England.
6-3-01	N	*Khan, H. M. HABIBUR RAHMAN, NAWAB SADR YAR JUNG BAHADUR, D.TH. (ALIG.), F.R.A.S.B., Rais. Habibganj, District Aligarh.
3-4-43	R	Khaitan, KALI PRASAD, M.A., B.L., Barrister-at-Law. 6 South End Park, Rashbehari Avenue, Calcutta.
2-8-26	R	Khettry, BENIMADHO, Proprietor, Messrs. Gouri Shanker Khettry, Landholders, Bankers and Merchants. 15 Paggiyapatti, Barabazar, Calcutta.
7-12-42	N	Khosla, A. N., B.A., Writer of Books. Post Box No. 239, Lahore.
3-5-43	R	Khundkar, THE HON'BLE MR. JUSTICE N. A., Judge, Calcutta High Court. 1 Victoria Terrace, Calcutta.
5-2-34	N	Kirby, WALTER, B.SC., Inspector of Mines in India. Dhanbad, E.I.R.
4-11-35	A	Klebe, ANINA, née BRANDT, PH.D. (GREIFSWALD, GERMANY), Psychologist. 26 Royal Court, 5/1 Russell Street, Calcutta.
1-3-26	R	Kramrisch, STELLA (MRS.), PH.D., Lecturer in Ancient Indian History (Fine Arts), Calcutta University. 2/1 Bright Street, Ballygunge, Calcutta.

Date of Election		
4-2-35	R	Lal, RAM BIHARI, M.B.B.S., D.P.H., D.T.M. & H., D.B., F.N.I., <i>Professor of Vital Statistics and Epidemiology, All-India Institute of Hygiene and Public Health.</i> 21 Chittaranjan Avenue, Calcutta.
5-2-40	R	Law, ANANTA CHURN, <i>Attorney-at-Law.</i> 37 Badur Bagan Row, P.O. Amherst Street, Calcutta.
5-2-34	R	Law, BHABANI CHURN, <i>Merchant, Zemindar and Artist.</i> 223 Cornwallis Street, Calcutta.
5-8-14	L	*Law, BIMALA CHURN, M.A., B.L., PH.D., D.LITT., F.R.G.S., F.R.A.S.B. 43 Kailas Bose Street, Calcutta.
1-2-11	R	*Law, NARENDRA NATH, M.A., B.L., PH.D., F.R.A.S.B. 96 Amherst Street, Calcutta.
4-2-35	R	Law, PARBUTTY CHURN. 223 Cornwallis Street, Calcutta.
1-7-14	R	Law, SATYA CHURN, M.A., B.L., PH.D., F.N.I., F.Z.S., M.B.O.U. 50 Kailas Bose Street, Calcutta.
5-7-43	N	Lawson, CHARLES PRICHARD, M.L.A. (CENTRAL), <i>President, European Association.</i> c/o The Imperial Chemical Industries (India), Ltd., 18 Strand Road, Calcutta.
7-6-26	R	Lemmon, RICHARD DENNIS, <i>Merchant.</i> 52/4/1 Ballygunge Circular Road, Calcutta.
1-6-31	L	Lort-Williams, SIR JOHN, KT., K.C., <i>Barrister-at-Law, formerly Offg. Chief Justice, High Court, Calcutta.</i> 2/1 Lansdowne Road, Calcutta.
2-8-05	L	*McCay, DAVID, LT.-COL., I.M.S., M.D., B.CH., B.A.O., M.R.C.P., F.R.A.S.B. c/o The Standard Bank of S. Africa, Hanover, Cape Province, S. Africa.
11-1-93	L	*MacLagan, SIR EDWARD DOUGLAS, K.C.S.I., K.C.I.E., F.R.A.S.B., <i>Formerly Governor of the Punjab.</i> 39 Egerton Terrace, London, S.W.3.
7-6-16	L	Mahajan, SURYA PRASAD. Murarpur, Gaya, E.I.R.
3-3-20	R	Mahalanobis, P. C., M.A., B.SC., F.N.I., F.S.S., I.E.S., <i>Professor of Physics, Presidency College.</i> 210 Cornwallis Street, Calcutta.
2-5-38	R	Mahtab, MAHARAJ KUMAR A. C. Aspab Villa, 14/1 Burdwan Road, Alipur, Calcutta.
3-2-30	N	Mahtab, UDAY CHAND, B.A., <i>Maharajadhiraja Bahadur of Burdwan.</i> The Palace, Burdwan.
6-2-24	A	Mahindra, K. C., B.A. (CANTAB.). Messrs. Martin & Co., 12 Mission Row, Calcutta.
1-12-41	N	Majumdar, DHIRENDRA NATH, M.A., PH.D. (CANTAB.), F.R.A.I., F.N.I. Anthropology Laboratory, Lucknow University, Lucknow.
3-7-39	R	Majumdar, JATINDRA MOHAN, M.A., <i>Deputy Dock Superintendent, Calcutta Port Commissioners.</i> 1 Chowringhee Terrace, Calcutta.
2-2-16	N	Majumdar, NARENDRA KUMAR, M.A. Suri, Birbhum.
4-6-13	R	*Majumdar, RAMESH CHANDRA, M.A., PH.D., F.R.A.S.B., <i>Formerly Vice-Chancellor, Dacca University.</i> 4 Bepin Pal Road, Kalighat, Calcutta.
7-4-41	N	Malik, A. R., <i>Deputy Agricultural Marketing Adviser to the Government of India.</i> Ajmer.
4-11-29	N	Mallya, BANTWAL GANAPATHY, F.R.C.S., M.D., M.R.C.S., LT.-COL., I.M.S., <i>Officer Commanding, War Hospital.</i> Bikaner.

Date of Election.		
5-6-01	F	Mann, HAROLD HART, D.SC., M.SC., F.I.C., F.L.S. Woburn Experimental Station, Aspley Guise, Bedfordshire, England.
2-11-42	R	Matthews, HENRY IDRIS, Director of Factory Recruitment, Indian Ordnance Services. United Service Club, 29 Chowringhee, Calcutta.
4-3-40	R	Mazumdar, DWIJENDRA LAL, B.A. (CANTAB.), I.C.S. 11A Mayfair, Ballygunge, Calcutta.
2-1-28	N	Mello, FROILANO DE, COLONEL, Director-General of Medical Services in Portuguese India, Professor of Parasitology. Nova Gôa.
6-3-39	R	Meyer, MISS SALLY, M.A., Professor of Botany, Bethune College. 11 Sudder Street, Calcutta.
5-11-84	L	*Middlemiss, CHARLES STEWART, C.I.E., F.R.S., B.A., F.G.S., F.R.A.S.B. Aviemore, Crowborough, Sussex, England.
4-1-43	N	Millar, GUY DENNY LAWRENCE, F.R.G.S., F.I.S.A., Manager, The Kachariguon Tea Co., Ltd. P.O. Borjuli, Assam.
1-2-26	N	*Mills, JAMES PHILIP, C.I.E., I.C.S., M.A. (OXON), J.P., F.N.I., F.R.A.S.B. Secretariat, Shillong, Assam.
3-3-41	R	Mitra, MISS PRETI, M.A., Research Student. 14 Chowringhee Terrace, Calcutta.
5-3-24	N	Mitter, SIR B. L., K.C.S.I., M.A., B.L., Barrister-at-Law, Advocate-General, Federal Court. New Delhi.
5-4-26	R	Mitter, KHAGENDRA NATH, RAI BAHADUR, M.A., Ramtanu Lahiri Professor of Bengali Language and Literature, Calcutta University. 6 Ballygunge Place, Calcutta.
30-9-35	R	Mitter, SUDHIR CHUNDER, Barrister-at-Law. 19 Camac Street, Calcutta.
2-11-42	N	Mitra, MAJOR BHUPENDRA NATH, D.SC. (DACC), PH.D. (MINNESOTA), F.I.C., SIGMA XI. c/o Inspectorate of Military Explosives, Kirkee, Poona.
4-10-43	R	Mitter, SUSHIL CHANDRA, M.A. (CAL.), D.LITT. (PARIS), Writer and Research Scholar. 10/1/A Mahesh Chaudhuri Lane, Bhowanipur, Calcutta.
7-12-36	R	Mittra, S. C. 34 Shampukur Street, Calcutta.
1-11-26	A	Modi, JAL R. K., B.A. 4 Camac Street, Calcutta.
5-3-34	R	Modi, JEHangIR JEEVANJI JAMSHEDJI, Merchant. 183 Dhurumtollah Street, Calcutta.
5-11-24	R	Mookerjee, SIR B. N., KT., B.A. (CANTAB.), Partner, Messrs. Martin & Co. 12 Mission Row, Calcutta.
2-7-24	R	Mookerjee, SYAMAPRASAD, M.A., B.L., LL.D., D.LITT., Barrister-at-Law, Formerly Minister, Government of Bengal. 77 Asutosh Mookerjee Road, Calcutta.
5-4-37	N	Mooney, H. F., O.B.E., M.A., I.F.S., Forest Adviser, Eastern States. Sambalpur, B.N.Ry., Orissa.
4-1-43	R	Morton, SIR GEORGE B., KT., O.B.E., M.C. c/o Messrs. Bird & Co., Chartered Bank Buildings, Calcutta.
5-7-37	A	Mozumdar, SUPRABHAT, Master, Rajkumar College. Staff Club, Raipur, C.P.
4-12-39	R	Mukerjee, JYOTISH CHANDRA, Formerly Chief Executive Officer, Calcutta Corporation. 28 Camac Street, Calcutta.
6-3-39	N	Mukerjee, S. C., Retired Member of the Indian Civil Service. 'Westward Ho', Happy Valley, Mussoorie, U.P.
2-2-21	N	Mukerjee, SUBODH CHANDRA, SHASTRI, M.A., DOCTEUR-ES-LETTRES (PARIS), Head of the Dept. of Sanskrit, Hindu University. Benares.

Date of Election.		
1-2-43	N	Mukerjee, S. K., M.Sc., Ph.D., <i>Curator of Herbarium, Lloyd Botanic Garden. Darjeeling.</i>
5-7-37	R	Mukerji, PANNALAL, RAI BAHADUR, <i>Zemindar and Honorary Magistrate. 7 Rajmohan Road, Uttarpara, Hooghly.</i>
2-8-26	R	*Mukherjee, JNANENDRA NATH, C.B.E., D.Sc. (LONDON), F.C.S. (LONDON), F.N.I., F.R.A.S.B., <i>Ghose Professor of Chemistry, University of Calcutta. 92 Upper Circular Road, Calcutta.</i>
5-7-26	R	Mukhopadhyaya, PRABHAT KUMAR, M.A., <i>Research Assistant, Calcutta University. 6 Hindusthan Park, Ballygunge, Calcutta.</i>
2-2-21	R	Mukhopadhyaya, RAMAPRASAD, M.A., B.L. 77 Asutosh Mookerjee Road, Bhawanipore, Calcutta.
3-5-43	R	Mullan, CHARLES SAMUEL, C.I.E., M.A., I.C.S., <i>Commissioner of Income Tax, Bengal. U.S. Club, Calcutta.</i>
2-4-28	R	Mullick, KARTICK CHURN, KUMAR, <i>Director, Raja D. N. Mullick & Sons, Ltd. Colootola Rajbati, Chittaranjan Avenue, Calcutta.</i>
7-5-28	N	Murray, EUGENE FLORIAN OLIPHANT, A.I.M.M., F.G.S., <i>Mining Geologist and Engineer. Tatanagar, B.N.Ry.</i>
5-6-39	R	Nag, KALIDAS, M.A. (CAL.), D.LITT. (PARIS), <i>Lecturer, Calcutta University. P.26 Raja Basanta Roy Road, Lansdowne Road Extension, Calcutta.</i>
5-12-27	L	Namgyal, H.H. MAHARAJA SIR TASHI, K.C.I.E., <i>Maharaja of Sikkim. Gangtok, Sikkim.</i>
6-6-27	N	Nandi, MAHARAJA SRIS CHANDRA, M.A., M.L.C., <i>Zemindar. Kasimbazar Rajbari, Kasimbazar, Murshidabad.</i>
5-2-34	N	Nariman, RUSTOM, K., M.I.C.E., A.C.E., F.R.G.S. (Retired <i>Superintending Engineer, Punjab Irrigation), Professor of Engineering, Osmania University. c/o The Union Bank of India, Fort, Bombay.</i>
5-3-28	R	Neogi, PANCHANAN, M.A., Ph.D., F.N.I., I.E.S. (retd.), <i>Principal, Maharaja Mahindra Chandra College. 44A New Shambazar Street, Calcutta.</i>
3-11-30	N	Newman, CARL DAMIEN, M.B., B.S., D.T.M. & H., D.P.H., <i>Chief Medical Officer. 6 Mayo Gardens, Lahore.</i>
3-12-24	N	Newman, CHAS. F., F.R.G.S., M.R.S.T., M.C.P. Ramnagar, Benares.
2-11-42	R	Norman, G. A. S., <i>Agent, The Standard Life Assurance Co., Ltd. 32 Dalhousie Square, Calcutta.</i>
7-4-15	L	Ohtani, COUNT KOZUI. San-ya-so, Edomachi, Fushimi, Kyoto, Japan.
1-5-39	A	Parker, E., CAPT., I.A. (retd.). c/o Remington Rand Inc., 3 Council House Street, Calcutta.
5-2-34	N	Pasricha, CHIRANJI LAL, M.A., M.B., B.CHIR. (CANTAB.), M.R.C.S. (ENG.), L.R.C.P. (LOND.), MAJOR, I.M.S., <i>Combined Indian Military Hospital. Dehra Dun, U.P.</i>
5-2-40	R	Pask, JOHN DAVID, B.Sc., Ph.D. (LEEDS), <i>Chief Chemist, Howrah Mills Co., Ltd. Ramkristopur, Howrah.</i>
2-6-41	R	Paterson, EDWARD ALFORD, <i>Assistant, Jardine, Skinner & Co., Ltd. 4 Clive Row, Calcutta.</i>
6-6-88	L	Pennell, AUBREY PEROIVAL, M.A., <i>Barrister-at-Law. St. Canon's Tower, Loch Awe, Argyll, Scotland.</i>

Date of Election.		
5-2-34	N	Percival, FREDERICK GEORGE, O.B.E., PH.D. (LOND.), F.G.S., General Superintendent, Ore Mines and Quarries, Tata Iron and Steel Co. 3 Beldih Lake, Jamshedpur.
1-4-25	R	Perier, FERDINAND, S.J., Most Reverend the Archbishop of Calcutta. 32 Park Street, Calcutta.
3-6-40	A	Poleman, HORACE IRVIN, B.A., M.A., PH.D., Director of Indic Studies, Library of Congress. Washington, D.C., U.S.A.
3-4-18	L	*Prashad, BAINI, O.B.E., D.SC., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B., Director, Zoological Survey of India. Kaiser Castle, Benares Cantonment.
3-8-25	N	*Pruthi, HEM SINGH, M.SC., PH.D. & SC.D. (CANTAB.), F.N.I., F.R.A.S.B., Imperial Entomologist, Imperial Institute of Agricultural Research. New Delhi.
3-12-24	R	Pushong, E. S., M.D., L.S.A., Medical Practitioner. 1 Chapel Road, Hastings, Calcutta.
1-3-43	R	Rahman, A. F. M. KHALILUR, B.A. (LONDON), PH.D., Special Officer, Current Problems, Government of Bengal. 103 Ballygunge Place, Calcutta.
3-11-30	R	Rahman, SHAH KALIMUR, M.A., Professor of Arabic and Persian, Calcutta University. 51 Baitakhana Road, Calcutta.
3-5-43	N	Rajgarhia, CHAND MULL, Mining Engineer. Giridih, E.I.R.
7-9-36	N	Ram, DOULAT, Accountant, Military Secretary's Office. c/o Messrs. Biru Mal Chiranji Lal, Chhatla Magni Ram, Patiala.
4-1-43	N	Ramabhadran, N., B.A., Prosecuting Sub-Inspector of Police. Dindigul, S. India.
2-10-39	N	Rangarajam, KRISHNASWAMI, Employee, I.C.I. (India) Ltd. Rukmani Building, Mambalam West, Madras.
1-2-26	N	Rao, Y. RAMACHANDRA, RAO BAHADUR, M.A., F.R.E.S., formerly Locust Research Entomologist Govt. of India. 199 Visvesvarapuram, Bangalore City.
1-9-41	R	Ratcliff, GEORGE MASSEY, B.A. (CANTAB.), I.C.S. Upper Flat, 9 Queen's Park, Ballygunge, Calcutta.
3-8-42	N	Rath, PURNA CHANDRA, B.A., DIP.ED., Superintendent of Archaeology, Patna State. P.O. Balangir, E.S.A.
7-9-21	N	Ray, HEM CHANDRA, M.A., PH.D. (LONDON), D.LIT. (LONDON), Professor and Head of the Department of History, University College. Colombo, Ceylon.
5-1-21	N	Ray, JAGADISNATH, MAHARAJA, Maharaja of Dinajpore. Dinajpore.
1-3-43	R	Ray, NIHAR-RANJAN, M.A., D.LITT. & PHIL. (LEIDEN), DIP.LIB. (LONDON), F.L.A., University Librarian and Post-graduate Lecturer. Central Library, Calcutta University, Calcutta.
3-2-41	N	Ray, NIROD BHUSHAN, Professor of History, A. M. College. Suburban Road, Mymensingh.
5-3-90	R	*Ray, SIR PROFULLA CHANDRA, KT., C.I.E., D.SC., F.N.I., F.R.A.S.B. University College of Science, 92 Upper Circular Road, Calcutta.
7-7-41	N	Ray, SATIS CHANDRA, M.A., D.P.I. Shillong, Assam.
1-7-40	R	Ray, SUKUMAR, M.A., Lecturer, Calcutta University. 22-A Southern Avenue, Mitter Mansions, Suite No. 6, P.O. Kalighat, Calcutta.

Date of Election.		
4-12-39	R	Ray-Chowdhury, H. C., M.A., PH.D., <i>Carmichael Professor of Ancient Indian History and Culture, Calcutta University.</i> 6 Mysore Road, Kalighat, Calcutta.
3-2-41	N	Reddy, B. RANGA, <i>Joint Revenue Secretary, H.E.H. the Nizam's Government.</i> Bholakpur, Secunderabad, Deccan.
5-11-28	L	Reinhart, WERNER, <i>Merchant.</i> c/o Messrs. Volkart Bros., Rychenberg, Winterthur, Switzerland.
3-11-41	A	Reynolds, REV. HERMAN M., M.A., B.D., <i>Missionary.</i> Pendra Road, C.P.
2-4-24	F	Richards, F. J., I.C.S. Treeps, Hurstpier Point, Sussex, England.
3-12-24	L	Roerich, GEORGE NICHOLAS, M.A., M.R.A.S., <i>Orientalist.</i> 310 Riverside Drive, New York, U.S.A. ('Urusvati', Naggur, Kulu, Punjab).
2-7-28	L	Roerich, NICHOLAS, <i>Honorary President, Master Institute of United Arts, New York, U.S.A.; Artist-Painter.</i> 310 Riverside Drive, New York, U.S.A.
5-7-43	N	Rolles, REV. MONTAGUE JOHN, <i>Missionary, London Mission.</i> Kamalapuram, Dt. Cuddappah, Madras Presidency.
5-6-33	A	Rossetti, FELIX FRANCIS LEO, B.SC., B.H., <i>Secretary, Y.M.C.A.</i> 42 Corporation Street, Calcutta.
7-4-41	R	Roxburgh, THE HON'BLE MR. JUSTICE T. J. Y., C.I.E., I.C.S., <i>Barrister-at-Law, Judge, High Court.</i> 6 Lee Road, Calcutta.
6-12-26	N	Roy, THE HON'BLE SIR A. K., KT., <i>Barrister-at-Law, Law Member, Government of India.</i> New Delhi.
5-2-40	R	Roy, B. C., B.A., M.D., F.R.C.S. (ENG.), M.B.O.P. (LOND.), F.S.M.F. (BENGAL), <i>Vice-Chancellor, Calcutta University.</i> 36 Wellington Street, Calcutta.
5-4-37	N	Roy, DAVID, M.B.E., <i>Dewan, Myelliem Chevra States.</i> Shillong, Assam.
1-12-30	N	Roy, RAJA KAMALABANJAN, B.A., <i>Zemindar.</i> Kasimbazar Post, Dt. Murshidabad.
5-7-43	R	Roy, SUDHINDRA NATH, M.A., <i>Landlord.</i> 3, Tiloke Road, Ballygunge, Calcutta.
4-1-43	R	Sadeque, A., M.A. (ECON.), <i>Professor, Islamia College.</i> 177-B Park Street, Calcutta.
7-5-28	R	*Saha, MEGHNAD, D.SC., F.R.S., F.N.I., F.R.A.S.B., <i>Palil Professor of Physics, Calcutta University.</i> 92 Upper Circular Road, Calcutta.
6-9-43	L	Sahu, LAKSHMINARAYAN, M.A., <i>Member, Servant of India Society.</i> Idigapadia, Cuttack.
5-2-34	L	Sale, HAROLD MONTAGUE, M.A., F.G.S. Mancetter Cottage, Atherstone, Warwickshire, England.
3-5-43	N	Sanyal, PROBODH CHANDRA, B.A. Nawadwip, Bengal.
4-10-43	N	Saran, PARAMATMA, M.A. (BENARES), PH.D. (LONDON), <i>Lecturer in History, Benares Hindu University.</i> Benares.
4-2-35	R	Sarkar, NALINI RANJAN, <i>Formerly Member, Viceroy's Council.</i> 237 Lower Circular Road, Calcutta.
5-4-37	R	Sattar, THE HON'BLE MR. A. R. H. A., <i>Member, Council of State.</i> 32 Ezra Street, Calcutta.
3-6-40	N	Seal, JOHN ROBERT, M.B.E. c/o Grand Hotel, Simla, H.O.
6-3-33	R	Seal, SATIS CHANDRA, M.A., B.L., <i>Honorary Secretary, Indian Research Institute.</i> 170 Maniktola Street, Calcutta.

Date of Election.		
1-3-43	R	Sen, ANIL KUMAR, M.B. (CAL.), <i>Director of Laboratories of Biological Research and Experimental Therapy, B.C.P.W.</i> 45 Ballygunge Place, Calcutta.
1-4-25	R	Sen, BENROY CHANDRA, M.A., PH.D. 40 Dr. Sarat Banerjee Road, Ballygunge, Calcutta.
9-12-36	R	Sen, D. N. 7 Rawdon Street, Calcutta.
1-6-36	N	Sen, J. M., RAI BAHADUR, M.ED. (LEEDS), B.SC. (CAL.), T.D. (LOND.), DIP.ED. (OXFORD), F.R.G.S., F.N.I. <i>Principal, Kishnagar College.</i> Krishnagar, Nadia.
5-12-23	L	Sen, LAKSHMAN, H.H. RAJA OF SUKET. Suket State, Punjab.
3-5-43	R	Sen, KARUNAKETAN, B.SC., I.C.S., <i>Special Officer, Directorate of Civil Supplies, Bengal.</i> 5/A Heysham Road, P.O. Elgin Road, Calcutta.
5-4-37	N	Sen, KSHITI MOHAN. <i>Principal, Viswabharati.</i> Santiniketan, Dist. Birbhumi.
1-2-43	R	Sen, NEPAL CHANDRA, C.B.E., RAI BAHADUR, M.A., <i>Director of Land Records and Surveys, Bengal.</i> 35 Gopalnagar Road, Alipur, Calcutta.
5-2-40	N	Sen, SURESH CHANDRA, B.SC. (CAL.), B.A. (CANTAB.), A.M.I.CHEM.E. (LONDON), <i>Superintendent, Cinchona Cultivation in Bengal.</i> Mungpoo, Riyand, D.H.Ry.
4-1-43	N	Sen-Gupta, JOGENDRA NATH, M.B. (CAL.), Oak Lodge, Darjeeling.
1-4-29	R	Sen-Gupta, NARES CHANDRA, M.A., D.L., <i>Advocate, High Court.</i> P.93 Manoharpukur Road, Calcutta.
5-7-11	L	*Sewell, ROBERT BERESFORD SEYMOUR, C.I.E., M.A., SC.D. (CANTAB.), M.R.C.S., L.R.C.P., F.Z.S., F.L.S., F.R.S., F.N.I., F.R.A.S.B., LT.-COL., I.M.S., <i>Director, Zoological Survey of India (retd.).</i> 18 Barrow Road, Cambridge, England.
5-4-37	N	Sharaf-ud-Din, S., M.A., B.L., <i>Vice-Principal, Islamia Intermediate College.</i> Dacca.
2-11-25	N	Sharif, MOHAMMAD, D.SC., F.R.M.S., F.L.S., F.N.I., <i>Entomologist, Haffkine Institute.</i> Parel, Bombay.
6-5-29	N	Sharma, SRI RAM, M.A., F.R.HIST.S. (LONDON), <i>Principal, D.A.V. College.</i> Srinagar, Kashmir.
3-2-41	L	Shastri, GANGEYANAROTTAM, KAVYATIRTHEA, KAVICAKRA-CUDAMANI, <i>Landholder.</i> Gangeya Bhawan, 280 Chittaranjan Avenue, Calcutta.
5-8-35	N	Shattock, JOHN SWITHIN HARVEY, M.B.E., B.A. (OXON), I.C.S., <i>Secretary to the Resident for Baroda and the Gujerat States.</i> The Residency, Baroda.
2-5-23	A	Shebbeare, E. O., <i>Chief Game Warden.</i> Post Box No. 376, Kuala Lumpur, F.M.S.
6-1-09	N	Shirreff, ALEXANDER GRIERSON, B.A., I.C.S., <i>Adviser to H.E. The Governor of U.P.</i> U.S. Club, Lucknow.
6-2-28	L	Shumser, JUNG BAHADUR RANA, SIR KATSER, K.B.E., SUBPRADIPTA MANYAVARA, LIEUT.-GENERAL, <i>Nepalese Army.</i> Kaiser Mahal, Kathmandu, Nepal.
4-11-29	R	Siddiqi, MOHAMMAD ZUBAYR, M.A., B.L., PH.D. (CANTAB.), <i>Sir Asutosh Professor of Islamic Culture, Calcutta University.</i> P.6 Suhrawardy Avenue, Calcutta.
6-2-39	A	Simeons, ALBERT THEODORE WILLIAM, M.D. (HEIDELBERG), <i>Physician, Khatau Mansion, Cooperage, Bombay.</i>
5-3-13	L	*Simonsen, JOHN LIONEL, D.SC., F.I.C., F.R.S., F.R.A.S.B., <i>Director of Colonial Products Research, Imperial Institute.</i> Exhibition Road, South Kensington, London, S.W.7.

Date of Election.		
6-3-39	F	Sinclair , GREGG M., <i>Director, Oriental Institute, and President, University of Hawaii.</i> Honolulu, Hawaii, U.S.A.
6-2-18	N	Singh , MANYABARA BADA KAJI MARICHI MAN, PANDITJI, C.I.E. 38 Khichapokhari, Kathmandu, Nepal.
5-3-34	L	Singh , HIS HIGHNESS THE HON'BLE MAHARAJADHIRAJA SIR KAMESWAR, K.C.I.E. Darbhanga.
5-7-43	R	Singh , PARTAP, <i>Merchant and Industrialist.</i> Grosvenor House, Calcutta. 181 Grand Trunk Road, North, Howrah.
2-1-33	N	Singh , RUDRA PERTAB, RAO BAHADUR, <i>Proprietor, Sonbarsa Raj.</i> Sonbarsa P.O., District Bhagalpore.
5-9-12	R	Singhi , BAHADUR SINGH. (Azimganj, Murshidabad). 48 Gariahat Road, Calcutta.
7-8-33	L	Sinh , RAGHUBIR, RAJKUMAR, M.A., LL.B., <i>Heir-Apparent of Sitamau State.</i> Raghubir Niwas, Sitamau, C.I.
5-7-43	N	Sinha , ANANDA PROSAD, M.A., PH.D., 'Lalita-nilaya', P.O. Katwa, Dt. Burdwan.
4-1-26	N	Sinton , J. A., O.B.E., LT.-COL., I.M.S., V.C., <i>Officer-in-Charge, Malaria Bureau.</i> Central Research Institute, Kasauli.
5-7-16	L	Sircar , GANAPATI, VIDYARATNA. 69 Beliaghata Main Road, Calcutta.
3-9-34	R	Sondhi , VED PALL, M.B.E., M.SC., F.G.S., <i>Assistant Superintendent, Geological Survey of India.</i> 27 Chowringhee, Calcutta.
1-9-42	F	Spendlove , F. ST. G. DE, <i>Assistant Keeper, Later European Collection, The Royal Ontario Museum of Archaeology.</i> Toronto, S. Canada.
7-3-23	F	Stamp , L. DUDLEY, B.A., D.SC. University of London, London School of Economics, Houghton Street, London, W.C.2.
28-9-04	L	*Stapleton , HENRY ERNEST, M.A., B.SC., D.LITT., F.R.A.S.B., <i>Formerly Director of Public Instruction, Bengal.</i> St. Brelade, Jersey, C.I., England.
4-8-41	N	Subramanyam , R. A., <i>General Manager, Bharat Sugar Works.</i> Pachrukhi.
5-4-43	R	Sukul , L., <i>Professor, Calcutta University.</i> Kent House, Mission Row Extension, Calcutta.
3-3-20	N	Sundara Raj , BUNGURU, DEWAN BAHADUR, M.A., PH.D., F.N.I., <i>Fisheries Development Officer.</i> Civil Secretariat, U.P., Lucknow.
7-11-32	L	Suvarna , SHUMSER JUNG BAHADUR RANA, <i>Major-General in the Nepalese Army.</i> Singha Darbar, Kathmandu, Nepal.
1-6-04	L	*Tipper , GEORGE HOWLETT, M.A., F.G.S., M.INST.M.M., F.R.A.S.B. 'The Laurels', Glebe Road, Cambridge, England.
3-2-41	R	Tribedi , B. P., M.B. (CAL.), D.B. (LOND.), <i>Professor of Pathology, Medical College, and Bacteriologist to the Government of Bengal, Medical College.</i> Calcutta.
3-5-43	R	Tyson , G. W., C.I.E., <i>Editor, 'Capital'.</i> 4 Lyons Range, First Floor, Calcutta.
5-7-26	N	Tyson , JOHN DAWSON, C.B.E., M.A. (OXON), I.C.S., J.P., <i>Secretary to the Government of India, Department of Education, Health and Lands.</i> New Delhi.

Date of Election.		
4-1-37	R	Vedantatirtha , NARENDRA CHANDRA, M.A., BAGCHI, BHATTACHARJA, SANKHYATIRTHA, MIMAMSATIRTHA, TATTVARATNA, SASTRI, <i>Author and Editor of Books.</i> 49 Cornwallis Street, Calcutta.
7-8-33	R	Vedantatirtha , VANAMALI, M.A., <i>Formerly Professor, Cotton College, Gauhati.</i> 8/4-E Nepal Bhattacharya Lane, Kalighat, Calcutta.
7-4-41	N	Vicary , REV. THOMAS C., M.A. (LOND.), A.K.C., <i>Missionary Principal, Union Christian Training College.</i> Berhampore, Bengal.
6-3-01	L	*Vogel , JEAN PHILIPPE, LITT.D., F.R.A.S.B. Noordeinde-splein 4a, Leiden, Holland.
27-9-94	L	Vost , WILLIAM, LT.-COL., I.M.S. 'Woodhurst', Manor Way, South Croydon, Surrey, England.
6-5-25	N	*Wadia , D. N., M.A., B.SC., F.R.G.S., F.N.I., F.R.A.S.B., <i>Government Mineralogist.</i> Torrington Square, Colombo, Ceylon.
5-3-28	R	Waight , HARRY GEORGE, M.A. (OXON), PH.D., I.C.S. 5/2 Wellesley Place, Calcutta.
6-2-33	N	Wellsted , THOMAS ARTHUR, A.R.S.M., B.SC., ASSOC.INST.-M.M., <i>Mining Engineer.</i> Mansar, P.O. Kandri, Ramtek, C.P.
6-2-33	R	West , WILLIAM DIXON, M.A. (CANTAB.), F.N.I., <i>Geologist, Geological Survey of India.</i> 27 Chowringhee, Calcutta.
1-11-26	R	Westcott , FOSS, MOST REVEREND, D.D. (CANTAB.), HONORARY D.D. (OXON), <i>Lord Bishop of Calcutta and Metropolitan of India, Burma and Ceylon.</i> Bishop's House, 51 Chowringhee, Calcutta.
19-9-06	L	*Whitehead , RICHARD BERTRAM, LITT.D., F.R.A.S.B., I.C.S. (ret'd.). 30 Millington Road, Cambridge, England.
7-9-36	R	Williams , N. T., Messrs. Orr Dignam & Co. 24 Alipur Road, Calcutta.
1-4-08	R	Wordsworth , WILLIAM CHRISTOPHER, C.I.E., M.A., I.E.S. (ret'd.) c/o The 'Statesman', Chowringhee Square, Calcutta.
2-11-42	R	Wright , E. W., <i>Manager, Northern Assurance Co., Ltd.</i> 7 Hare Street, Calcutta.
5-2-19	N	*Yazdani , GHULAM, O.B.E., M.A., F.R.A.S.B., <i>Formerly Epigraphist to the Government of India for Persian and Arabic Inscriptions.</i> Office of the History of the Deccan, Hyderabad, Deccan.
2-10-39	N	Zafar Hasan , MAULVI, KHAN BAHADUR, O.B.E. Nasheman, Delhi Gate, Delhi.
7-6-43	R	Zakariah , ABU KAZEM MOHAMMED, <i>Ex-Mayor of the City of Calcutta; Ex-Member, Calcutta Port Trust; Fellow, Calcutta University, etc.</i> 68 Syed Ameer Ali Avenue, Calcutta.

LIFE MEMBERS

(Chronological)

	5-11-84	C. S. Middlemiss (30 N.).	3-4-18	B. Prashad (29 R.).	
	6-6-88	A. P. Pennell (88 F.).	2-11-21	S. L. Hora (30 N.).	30
	11-1-93	Sir Edward D. MacLagan (94 R.).	6-6-23	Sir A. Howard (30 N.).	
	27-9-94	W. Vost (94 F.).	1-8-23	Kalipada Biswas (36 R.).	
5	6-2-01	J. Ph. Vogel (25 F.).	5-12-23	B. N. Chopra (40 N.).	
	2-7-03	F. Doxey (28 R.).	5-12-23	H. H. Lakshman Sen (24 N.).	
	1-6-04	G. H. Tipper (27 N.).	7-5-24	B. Bhattacharya (24 N.).	35
	3-8-04	Sir Lewis L. Fermor (36 N.).	6-8-24	L. M. Davies (24 N.).	
	28-9-04	H. E. Stapleton (26 R.).	3-12-24	G. Roerich (28 F.).	
10	2-8-05	D. McCay (29 F.).	4-2-25	B. S. Guha (40 N.).	
	3-1-06	J. A. Chapman (28 N.).	6-6-27	B. D. Jain (28 R.).	
	19-7-06	R. B. Whitehead (26 N.).	4-7-27	C. Chakravarti (41 N.).	40
	3-7-07	J. Coggin Brown (28 N.).	5-12-27	H. H. Sir Tashi Namgyal (27 N.).	
	3-7-07	W. A. K. Christie (29 N.).	5-12-27	H. H. Kunzang Dechhen (27 N.).	
15	1-1-08	Sir U. N. Brahma- chari (27 R.).	6-2-28	Sir D. Ezra (28 R.).	
	7-4-09	C. A. Bentley (30 N.).	6-2-28	Sir Kaiser Shumsher Jung Bahadur Rana (28 N.).	
	4-5-10	S. B. Dhavle (10 N.).	2-7-28	N. Roerich (28 F.).	45
	4-5-10	S. W. Kemp (29 F.).	5-11-28	W. Reinhart (28 F.).	
	1-2-11	James Insch (28 R.).	3-3-30	H. S. Ashton (30 N.).	
20	5-7-11	R. B. S. Sewell (28 N.).	5-1-31	P. Evans (31 N.).	
	1-11-11	Kamaluddin Ahmad (24 N.).	1-6-31	Sir John Lort-Wil- liams (40 N.).	
	5-3-13	J. L. Simonsen (19 N.).	7-11-32	Suvarna Shumser Jung Bahadur Rana (32 N.).	50
	5-11-13	Sir O. S. Fox (40 N.).	6-2-33	J. C. Ghatak (33 R.).	
	4-3-14	J. Bacot (14 F.).	2-8-33	R. Sinh (43 N.).	
25	5-8-14	B. C. Law (33 R.).	5-2-34	H. M. Sale (34 N.).	
	7-4-15	Count K. Ohtani (39 F.).	5-3-34	H. H. Sir K. Singh (34 N.).	55
	7-6-16	S. P. Mahajan (43 N.).	3-2-41	G. Shastri (41 R.).	
	5-7-16	G. Sircar (29 N.).	2-11-42	M. C. Dhiman (42 R.).	
			6-9-43	L. Sahu (43 N.).	

SPECIAL ANNIVERSARY HONORARY MEMBERS

Date of Election.	(Science.)
15-1-34	PROF. ALBERT EINSTEIN, c/o Princeton University, New Jersey, U.S.A.
15-1-34	M. A. LACROIX, Secrétaire Perpetuel, Académie des Sciences, Paris.
15-1-34	DR. SIR SVEN HEDIN, Stockholm, Sweden.

(Letters.)

15-1-34	SIR JOHN H. MARSHALL, K.T., C.I.E., LITT.D., F.S.A., F.B.A., c/o Messrs. Grindlay & Co., Ltd. 54 Parliament Street, London.
15-1-34	PROF. TAHA HOSAIN, Cairo.
15-1-34	PROF. ARTHUR CHRISTENSEN, 62 Raadhusevej, Charlottenlund, Denmark.
15-1-34	DR. J. VAN KAN, President, Royal Society of Arts and Letters, Batavia, Java.
15-1-34	H.R.H. PRINCE DAMRONG RAJANUBHAB OF THAILAND, Thailand.

ASSOCIATE MEMBERS

Date of Election.	
1-2-22	*PIERRE JOHANNIS, REV., S.J., B.LITT. (OXON), <i>Professor of Philosophy</i> . St. Xavier's College, 30 Park Street, Calcutta.
1-2-22	*ANANTAKRISHNA SASTRI, MAHAMAHOPADHYAYA, VEDANTA-VISARADA, <i>Lecturer in Sanskrit</i> , Calcutta University. 32 College Square, Calcutta.
4-12-39	MISS MAUDE LINA WEST CLEGHORN, F.L.S., F.E.S. c/o The Imperial Bank of India, Park Street, Calcutta.
4-3-40	MRS. E. W. E. MACFARLANE, D.SC. c/o Burma Shell, Budge Budge.
2-11-42	P. C. SEN-GUPTA, M.A., <i>Retired Professor of Mathematics</i> , Bethune College. 3-B Deshpriya Park Road, Ballygunge, Calcutta.
4-1-43	W. BIRNEY. c/o Messrs. Johnston & Hoffman, 10 Chowringhee, Calcutta.

* Re-elected for a further period of five years on 7-12-1942 under Rule 2c.

INSTITUTIONAL MEMBERS

Date of Election.		
28-10-29	Legatum Warnerianum (Oriental Department), University of Leyden, Leyden, Holland.	
2-12-29	Adyar Library, Adyar, Madras S.	
4-5-31	Benares Hindu University Library, Benares.	
1-6-31	Ohtani University Library, Kyoto, Japan.	
7-12-31	Annamalai University Library, Annamalainagar, Chidambaram, S. India.	5
30-10-33	Allahabad University Library, Allahabad.	
30-4-34	Bombay University Library, Bombay.	
6-1-36	Islamia College, Peshawar.	
4-5-36	Patna College, Patna.	
7-12-36	Forest Research Institute, Dehra Dun.	10
4-1-37	Dacca University, Dacca.	
7-6-37	Agra University, Agra.	

ORDINARY FELLOWS

Date of Election.		
2-2-10	Sir Prafulla Chandra Ray, KT., C.I.E., M.A., D.SC., F.N.I.	
7-2-12	C. S. Middlemiss, C.I.E., B.A., F.G.S., F.R.S.	
5-2-13	J. Ph. Vogel, PH.D., LITT.D.	
5-2-13	S. W. Kemp, B.A., D.SC., F.R.S.	
3-2-15	G. H. Tipper, M.A., F.G.S., M.INST.M.M.	5
2-2-16	Sir Richard Burn, KT., C.S.I.	
2-2-16	Sir L. L. Fermor, KT., O.B.E., A.R.S.M., D.SC., F.G.S., M.INST.M.M., F.R.S., F.N.I.	
7-2-17	F. H. Gravely, D.SC., F.N.I.	
6-2-18	J. L. Simonsen, D.SC., F.I.C., F.R.S.	
6-2-18	D. McCay, M.D., M.R.C.P.	10
5-2-19	J. Coggin Brown, O.B.E., M.I.M.E., F.G.S.	
5-2-19	W. A. K. Christie, B.SC., PH.D., M.INST.M.M.	
5-2-19	D. R. Bhandarkar, M.A., PH.D.	
5-2-19	R. B. Seymour Sewell, C.I.E., M.A., SC.D., M.R.C.S., L.R.C.P., F.L.S., F.Z.S., F.R.S., F.N.I.	
2-2-21	Sir U. N. Brahmachari, KT., M.A., PH.D., M.D., F.S.M.F., F.N.I.	15
6-2-28	H. E. Stapleton, M.A., D.LITT., B.SC.	
6-2-28	B. Prashad, O.B.E., D.SC., F.Z.S., F.R.S.E., F.N.I.	
6-2-28	C. A. Bentley, C.I.E., M.B., D.P.H., D.T.M. & H.	
4-2-29	Sir Albert Howard, KT., C.I.E., M.A.	
4-2-29	J. H. Hutton, C.I.E., M.A., D.SC.	20
4-2-29	Sir Edward D. MacLagan, K.C.S.I., K.C.I.E.	
3-2-30	S. L. Hora, D.SC., F.Z.S., F.R.S.E., F.N.I.	
3-2-30	J. P. Mills, C.I.E., I.C.S., M.A., J.P., F.N.I.	
3-2-30	Meghnad Saha, D.SC., F.R.S., F.N.I.	
2-2-31	S. Krishnaswami Aiyangar, M.A., PH.D., F.R.HIST.S.	25
2-2-31	Sir R. N. Chopra, KT., C.I.E., M.A., M.D., SC.D., F.N.I.	
2-2-31	R. B. Whitehead, LITT.D.	
1-2-32	J. Bacot.	
6-2-33	Percy Brown, O.B.E., A.R.C.A.	

	Date of Election.	
30	6-2-33	Ordhendra Coomar Gangoly, B.A.
	6-2-33	Ghulam Yazdani, O.B.E., M.A.
	5-2-34	D. N. Wadia, M.A., B.Sc., F.R.G.S., F.N.I.
	3-2-36	Suniti Kumar Chatterji, M.A., D.LITT.
	3-2-36	A. M. Heron, D.Sc., F.G.S., F.R.G.S., F.R.S.E., F.N.I.
35	3-2-36	H. M. Habib-ur-Rahman Khan, D.T.H.
	15-2-37	K. N. Bahl, D.Sc., D.PHIL., F.N.I.
	15-2-37	K. N. Dikshit, M.A.
	15-2-37	N. N. Law, M.A., B.L., PH.D.
	15-2-37	J. N. Mukherjee, O.B.E., D.Sc., F.O.S., F.N.I.
40	6-2-39	Sir Cyril S. Fox, KT., D.Sc., M.I.M.E., F.G.S., F.N.I.
	6-2-39	B. S. Guha, M.A., A.M., PH.D., F.N.I.
	5-2-40	U. N. Ghoshal, M.A., PH.D.
	5-2-40	B. C. Law, M.A., B.L., PH.D., D.LITT., F.R.G.S.
	5-2-40	R. C. Majumdar, M.A., PH.D.
45	5-2-40	H. S. Pruthi, M.Sc., PH.D., F.N.I.
	1-2-43	A. F. M. Abdul Ali, M.A., F.R.S.L., F.B.G.S., F.R.H.S.
	1-2-43	Sir J. C. Ghosh, KT., D.Sc., F.N.I.

HONORARY FELLOWS

	Date of Election.	
	4-2-20	A. FOUCHER, D.LITT. Boulevard Raspail 286, Paris, XVI ^e .
	4-2-20	SIR ARTHUR KEITH, M.D., F.R.C.S., LL.D., F.R.S.A. <i>Lately Hunterian Professor at the Royal College of Surgeons of England.</i> Buckston Browne Farm, Downe, Farnborough, Kent, England.
	4-2-20	R. D. OLDHAM, F.R.S., F.G.S., F.R.G.S. 1 Broomfield Road, Kew, Surrey, England.
	4-2-20	SIR DAVID PRAIN, KT., C.M.G., C.I.E., M.A., M.B., LL.D., F.R.S.E., F.R.S., F.L.S., F.Z.S., M.B.I.A., LT.-COL., I.M.S., <i>Formerly Superintendent, Royal Botanic Garden, Calcutta, and Director, Botanical Survey of India, and lately Director, Royal Botanic Gardens, Kew.</i> The Well Farm, Godstone Road, Whyteleafe, Surrey, England.
5	4-2-20	J. TAKAKUSU. Imperial University of Tokyo, Tokyo, Japan.
	2-3-21	F. W. THOMAS, C.I.E., M.A., PH.D., <i>Boden Professor of Sanskrit, University of Oxford.</i> 161 Woodstock Road, Oxford, England.
	7-6-22	SIR THOMAS HOLLAND, K.C.S.I., K.C.I.E., D.Sc., F.R.S. <i>Principal and Vice-Chancellor, University of Edinburgh.</i> Blackford Brae, Edinburgh.
	7-6-22	SIR LEONARD ROGERS, KT., C.I.E., M.D., B.S., F.R.C.P., F.R.S., I.M.S. 24 Cavendish Square, London, 4.
	7-1-25	STEN KONOW. Ethnographisk Museum, Oslo, Norway.
10	7-3-27	RT. HON ^{BLE} THE EARL OF LYTTON, P.C., G.C.S.I., G.C.I.E. Knebworth, Herts, England.
	5-5-30	SIR ROBERT ROBINSON, D.Sc., F.R.S., <i>Waynflete Professor of Chemistry in the University of Oxford.</i> The Dyson Perrins Laboratory, South Parks Road, Oxford, England.

Date of Election.		
7-2-38	RT. HON'BLE SIR JOHN ANDERSON, P.C., G.C.B., G.C.I.E., <i>Lord Privy Seal.</i> 11 Cheapstow Vilas, London, S.W.	
4-9-39	SIR S. RADHAKRISHNAN, KT., M.A., D.LITT., F.B.A., <i>Vice-Chancellor, Benares Hindu University.</i> Benares.	
4-9-39	PROF. DR. HEINRICH LUEDERS, Germany.	
4-9-39	THE MOST HON'BLE THE MARQUESS OF ZETLAND, P.C., G.C.S.I., G.C.I.E., LL.D., D.LITT. Aske, Richmond, Yorkshire, England.	15
4-9-39	SIR JADUNATH SARKAR, KT., C.I.E., M.L.C., M.A., D.LITT. P.255 Lansdowne Road Extension, P.O. Rashbehari Avenue, Calcutta.	

CHANGES IN MEMBERSHIP

LOSS OF MEMBERS DURING 1943.

BY RETIREMENT.

Ordinary Members.

1. Hirde Narain. (1929.)
2. R. Ghosh. (1940.)

BY DEATH.

Ordinary Members.

1. Sir Bryce Burt. (1934.)
2. Sir Chhajuram Chowdhury. (1927.)
3. Sir Nilratan Sarkar. (1924.)
4. T. B. Jameson. (1926.)
5. P. N. Mullick. (1929.)
6. S. S. Huda. (1940.)
7. K. C. De. (1895.)

Ordinary Fellows.

1. G. de P. Cotter. (1929.)
2. Johan van Manen. (1918.)

Honorary Fellow.

1. Sir Aurel Stein. (1920.)

Special Anniversary Honorary Member.

1. Sir Sydney Burrard. (1934.)

Associate Member.

1. Rev. William Pettigrew. (1939.)

UNDER RULE 38.

1. P. K. Chakravarti. (1938.)
2. S. K. Haldar. (1930.)
3. R. A. Harayana. (1940.)
4. M. L. Mullick. (1934.)
5. M. R. Sahni. (1937.)

UNDER RULE 40.

1. M. C. Ghose. (1940.)
2. G. T. Labey. (1923.)
3. Sarabjit Singh. (1935.)
4. H. F. F. Williams. (1929.)

The names of the following Ordinary Members will be removed from the next member list under Rule 40 :—

1. A. G. Brocke. (1936.)
2. C. A. Boyle. (1932.)
3. J. H. Hutton. (1923.)

MEDALLISTS

ELLIOTT GOLD MEDAL AND CASH

RECIPIENTS.

- | | |
|------|--------------------------|
| 1893 | Chandra Kanta Basu. |
| 1895 | Yati Bhusana Bhaduri. |
| 1896 | Jnan Saran Chakravarti. |
| 1897 | Sarasi Lal Sarkar. |
| 1901 | Sarasi Lal Sarkar. |
| 1904 | { Sarasi Lal Sarkar. |
| | { Surendra Nath Maitra. |
| 1907 | Akshoy Kumar Mazumdar. |
| | { Jitendra Nath Rakshit. |
| 1911 | { Jatindra Mohan Datta. |
| | { Rasik Lal Datta. |
| | { Saradakanta Ganguly. |
| 1913 | { Nagendra Chandra Nag. |
| | { Nilratan Dhar. |
| 1918 | Bibhutibhushan Dutta. |
| 1919 | Jnanendra Chandra Ghosh. |
| 1922 | Abani Bhusan Datta. |
| 1923 | Bhailal M. Amin. |
| 1926 | Bidhu Bhusan Ray. |
| 1927 | Kalipada Biswas. |
| 1931 | T. C. N. Singh. |
| 1932 | P. N. Das-Gupta. |
| 1933 | Nirmal Kumar Sen. |
| 1934 | D. P. Roy Chowdhury. |
| 1935 | Kalipada Biswas. |
| 1937 | Pulin Behari Sarkar. |
| 1939 | P. K. Chatterjee. |
| 1941 | M. C. Nath. |
-

BARCLAY MEMORIAL MEDAL

RECIPIENTS.

- 1901 E. Ernest Green.
 1903 Sir Ronald Ross, KT., K.C.B., C.I.E., K.C.M.G., M.B.C.S., F.R.C.S.,
 D.P.H., LL.D., D.SC., M.D., F.R.S.
 1905 D. D. Cunningham, C.I.E., F.R.S.
 1907 A. W. Alcock, C.I.E., M.B., LL.D., F.R.S.
 1909 Sir David Prain, KT., C.I.E., C.M.G., M.A., M.B., LL.D., F.R.S.E.,
 F.L.S., F.Z.S., M.R.I.A., F.R.S.
 1911 Carl Diener.
 1913 William Glen Liston, C.I.E., M.D., D.P.H.
 1915 J. S. Gamble, C.I.E., M.A., F.R.S.
 1917 H. H. Godwin-Austen, F.R.S., F.Z.S., F.R.G.S.
 1919 N. Annandale, C.I.E., D.SC., C.M.Z.S., F.L.S., F.R.S.
 1921 Sir Leonard Rogers, KT., C.I.E., M.D., B.S., F.R.C.P., F.R.C.S.,
 F.R.S.
 1923 Sir Samuel Christophers, KT., C.I.E., O.B.E., F.R.S., M.B.
 1925 J. Stephenson, C.I.E., B.SC., M.B., CH.B., F.R.S., F.R.C.S., F.R.S.E.
 1927 S. W. Kemp, B.A., D.SC., F.R.S., F.R.A.S.B.
 1929 Sir Albert Howard, KT., C.I.E., M.A.
 1931 R. B. Seymour Sewell, C.I.E., M.A., SC.D., M.R.C.S., L.R.C.P.,
 F.Z.S., F.L.S., F.R.A.S.B., F.R.S.
 1933 R. Row, O.B.E., D.SC.
 1935 B. Sahni, M.A., SC.D., D.SC., F.G.S., F.R.S., F.R.A.S.B.
 1937 Sir R. N. Chopra, KT. C.I.E., M.A., M.D., F.R.A.S.B.
 1939 Sir R. McCarrison, KT., C.I.E., M.D., D.SC., F.R.C.P., LL.D., K.H.P.
 1941 Sir David Prain, KT., C.M.G., C.I.E., M.A., M.B., LL.D., F.R.S.E.,
 F.R.S., F.L.S., F.Z.S., M.R.I.A.

SIR WILLIAM JONES MEMORIAL MEDAL

RECIPIENTS.

- 1927 Sir Malcolm Watson, KT., LL.D., M.D., C.M., D.P.H.
 1928 Sir George A. Grierson, K.C.I.E., O.M., PH.D., D.LITT., LL.D., F.B.A.
 1930 Felix H. D'Herelle.
 1932 C. Snouck Hurgronje.
 1934 Rai Sir Upendra Nath Brahmachari, Bahadur, KT., M.A., M.D.,
 PH.D., F.S.M.F., F.R.A.S.B.
 1937 A. J. Wensinck.
 1940 Sir Prafulla Chandra Ray, KT., C.I.E., D.SC., F.R.A.S.B., F.N.I.

ANNANDALE MEMORIAL MEDAL

RECIPIENTS.

- 1927 Fritz Sarasin.
 1930 Charles Gabriel Seligman, M.D., F.R.C.P., F.R.S.
 1933 Eugène Dubois.
 1936 John Henry Hutton, C.I.E., M.A., D.SC., F.R.A.S.B.
 1939 Frank Weidenreich.
 1942 B. S. Guha, M.A., A.M., PH.D., F.N.I., F.R.A.S.B.

JOY GOBIND LAW MEMORIAL MEDAL

RECIPIENTS.

- 1929 Max Weber.
1932 Ernst J. O. Hartert, PH.D.
1935 Leo Semenowitch Berg.
1938 Baini Prashad, O.B.E., D.SC., F.Z.S., F.R.S.E., F.R.A.S.B.
1941 K. N. Bahl, D.SC., D.PHIL., F.N.I., F.R.A.S.B.
-

PAUL JOHANNES BRÜHL MEMORIAL MEDAL

RECIPIENTS.

- 1931 Rev. Ethelbert Blatter, S.J.
1934 Isaac Henry Burkill, M.A.
1938 Sir David Prain, KT., F.R.S.
1942 R.B. G. N. Rangaswami Ayyangar, F.N.I.
-

INDIAN SCIENCE CONGRESS MEDAL, CALCUTTA

RECIPIENTS.

- 1935 Meghnad Saha, D.SC., F.R.S., F.R.A.S.B.
1938 Sir James H. Jeans, D.SC., SC.D., LL.D., F.I.C., F.R.S.
-

PROCEEDINGS OF THE ORDINARY MONTHLY MEETINGS, 1943.

JANUARY

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 4th, at 5 P.M.

PRESENT

C. S. Fox, Esq., D.Sc., M.I.M.E., F.G.S., F.N.I., F.R.A.S.B.,
President, in the Chair.

Members :

Brown, Mr. Percy
Chatterjee, Mr. Patitpabon
Chatterji, Mr. D. C.
Chatterji, Dr. S. K.
Edgley, The Hon'ble Mr. Justice
N. G. A.
Fawcus, Mr. L. R.

Haq, Khan Sahib M. M.
Hendrie, Major J. H.
Hobbs, Mr. H.
Hora, Dr. S. L.
Majumdar, Dr. R. C.
Nag, Dr. Kalidas
and others.

Visitors :

Saraswati, Mr. S. K. Sen, Mr. A. C.
Venkataram, Mr. N. S.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following four presentations of books, which had been kept on the table for inspection :—

1. From the Authoress: Joy of the Sun by Mrs. Savitri Devi, Calcutta, 1942.
2. From the Authors: Handbook of Shellac Analysis by Mr. H. K. Sen and Rangaswami, Namkum, 1942.
3. From the Author: Sharh-i-Risala-i-Qushairiya by S. Ata Husain, Hyderabad, 1361 A.H.
4. From Bhattacharya & Co., Calcutta: Sarvottasatantantram of Sarvanandanatha, Comilla, 1941.

The General Secretary announced that the following candidates would be balloted for as Ordinary Members:—

(1) *Millar, Guy Denny Lawrence*, F.R.G.S., F.I.S.A., Manager, The Kachariguon Tea Co., Ltd., P.O. Borjuli, Assam.

Proposer: K. Nag.

Seconder: J. N. Banerjee.

(2) *Sadeque, Abdus*, M.A. (Econ.), Professor of Economics, Islamia College, 177-B Park Street, Calcutta.

Proposer: K. N. Bagchi.

Seconder: K. Nag.

(3) *Abdul Hai, Hafiz Muhammad*, M.A., Professor in Arabic and Persian, Presidency College; 42-A Beniapukur Road, 2nd Floor, Block D, Calcutta.

Proposer: J. C. De.

Seconder: J. N. Banerjee.

(4) *Sen-Gupta, Jogendra Nath*, M.B. (Cal.), Oaklodge, Darjeeling.

Proposer: A. E. R. Bruce.

Seconder: Mrs. Anne Aucott.

(5) *Morton, Sir George B.*, Kt., O.B.E., M.C., Messrs. Bird & Co., Ltd., Chartered Bank Buildings, Clive Street, Calcutta.

Proposer: Percy Brown.

Seconder: N. G. A. Edgley.

(6) *Ramabhadran, N.*, B.A., Special Branch Sub-Inspector of Police, Brindavan, Kodaikanal, Dt. Madura.

Proposer: K. Nag.

Seconder: J. N. Banerjee.

The General Secretary reported that there had been no loss of membership since the previous meeting, by death.

The General Secretary reported that there had been no loss of membership, since the previous meeting, by resignation.

The General Secretary reported that the election of

(1) K. L. Giare (elected on 5-6-1942), and

(2) A. A. A. Sabir (elected on 5-6-1942)

had become null and void, under Rule 9.

The General Secretary reported that there had been no withdrawals of application since the previous meeting.

In accordance with Rules 2c and 13, the Chairman called for a ballot for the election as an Associate member of the Society for a period of 5 years of Mr. W. S. Birney, whose name had been proposed at the last Ordinary Monthly Meeting.

The following exhibits were shown and commented upon:—

1. PERCY BROWN.—*A portable Shrine, with a gilt metal Figure.*

This is a small but very complete portable shrine containing a gilt metal figure, probably representing the Green Tārā, or the apotheosised form of the Nepalese princess Bhrikuti, who was instrumental in bringing Buddhism to Tibet in seventh century A.D. There is a padded silk aureole at the back of the figure serving as a cushion when the shrine is being carried.

2. THE GENERAL SECRETARY, R.A.S.B.

(a) 13 Koch and Tipperah silver Coins.

(i) *Coin of Naranārāyaṇa of Cooch Behar (Silver).*

Naranārāyaṇa flourished in the sixteenth century A.D. and wielded great influence in Northern Bengal and some parts of Assam. The present coin comes from Assam and is dated in 1477 Saka era, corresponding to 1555 A.D. The obverse bears the name of the King in early Bengali script while the reverse describes him as a great devotee of the God Siva.

(ii-vii) *Coins of Vijayanārāyaṇa of Tipperah.*

This King flourished also in the fifteenth century A.D. and, if we are to believe in the files of the Tipperah Raj, carried on extensive conquests in the north, east and west. It is dated in 1481 Saka era, corresponding to 1559 A.D. The obverse bears the name of the King in early Bengali script and on the reverse he is described as a devotee of Hara and Gauri.

(viii-xiii) *Spurious Coins of Vijayanārāyaṇa of Tipperah.*

These are the imitations of the above coins where the legends have been reversed on account of the fact that, by mistake, the dies have been prepared with the legends in positive.

(b) *Certain valuable scientific Papers and Books by past and present Members of the Royal Asiatic Society of Bengal:—*

- (i) Memoirs of the life, writings and correspondence of Sir William Jones by Lord Teignmouth.
- (ii) Scientific papers by James Prinsep published in various volumes of the Journal and Asiatic Researches of the Society.
- (iii) Mineralogical papers by H. T. Prinsep published in the Journal of the Society.
- (iv) Sketches of the Solar System in Bengali by Raja Kalikrishna Deva.
- (v) Astronomical papers by Prof. P. C. Sen Gupta published in the Journal of the Society.

3. THE DIRECTOR, GEOLOGICAL SURVEY OF INDIA :
Specimens of Economic minerals, Ores, etc.

The Chairman announced the result of the ballot for the election of Ordinary Members and the Associate Member and declared that the candidates had been duly elected.

The Chairman announced that the next Discussion meeting would be held on Thursday, the 7th January, when Dr. S. K. Chatterji would open a discussion on 'Indian Languages'.

The Chairman also announced that the Annual Meeting of the Society would be held as usual on the first Monday in February and invited the members present to communicate to the office names and addresses of non-members to whom they wished invitations to be issued.



FEBRUARY

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held immediately after the termination of the Annual Meeting on Monday, the 1st, for the election of Ordinary Members and the transaction of routine business.

PRESENT

DR. SYAMAPRASAD MOOKERJEE, M.A., B.L., LL.D., D.LITT.,
President, in the Chair.

Members :

Agharkar, Dr. S. P.
Alimuddin, Mr. M. S.
Asadullah, K. B. K.M.
Auden, Mr. J. B.
Bagchi, Dr. K. N.
Banerjee, Dr. J. N.
Bastin, Mr. R. W.
Biswas, Dr. K. P.
Bose, Mr. M. M.
Brown, Mr. Percy
Chatterjee, Mr. B. C.
Chatterjee, Mr. K. N.
Chatterjee, Dr. M. M.
Chatterjee, Mr. P. P.
Chatterjee, Dr. S. K.
Edgley, The Hon'ble Mr. Justice
N. G. A.
Fawcett, Mr. L. R.
Fox, Dr. C. S.
Gangoly, Mr. O. C.

Ghosh, Dr. P. N.
Griffiths, Dr. W. G.
Guha, Dr. B. S.
Haq, K. B. M.M.
Hendrie, Major J. H.
Ishaque, Dr. M.
Law, Dr. B. C.
Law, Dr. S. C.
Lort-Williams, Sir John
Majumdar, Dr. R. C.
Meyer, Miss S.
Mookerjee, Mr. R. P.
Mukherjee, Dr. J. N.
Nag, Dr. Kalidas
Rahman, Sh. K.
Ray-Chaudhuri, Dr. H. C.
Sarkar, Sir J. N.
Siddiqi, Dr. M. Z.
Waight, Mr. H. G.
West, Mr. W. D.

The minutes of the last meeting were read and confirmed.

The General Secretary reported that the presentations of books received during the last month would be exhibited at the next meeting.

The General Secretary announced that the following candidates would be balloted for as Ordinary Members:—

(7) *Bhattacharjee, Mrs. Serapia*, Artist-Author, 20 Dum Dum Road P.O. Ghughudanga, Calcutta.

Proposer: Kalidas Nag.

Seconder: J. C. De.

(8) *Mukherjee, S. K.*, M.Sc., Ph.D. (Edn.), Curator of the Herbarium, Royal Botanic Garden, Calcutta.

Proposer: Kalipada Biswas.

Seconder: Kalidas Nag.

(9) *Sen, Nepal Chandra*, Rai Bahadur, Director of Land Surveys, Bengal; 35 Gopalnagar Road, Alipur, Calcutta.

Proposer: R. W. Bastin.

Seconder: L. R. Fawcus.

(10) *Habibullah, A.B.M.*, M.A. (Cal.), Ph.D. (Lond.), Dip.Lib. (Lond.), Lecturer, Department of History and Islamic History and Culture, Calcutta University; 11 Bondel Road, Ballygunge, Calcutta.

Proposer: J. N. Banerjee.

Seconder: Kalidas Nag.

The General Secretary reported the following loss of membership, since the previous meeting, by death:

(1) Dr. G. de P. Cotter (An Ordinary Member, 1929. Fellow, 1930).

The General Secretary reported that there had been no loss of membership, since the previous meeting, by resignation.

The General Secretary reported that there had been no lapses of election under Rule 9 and no withdrawals of application, since the previous meeting.

The President announced the result of the ballot for the election of Ordinary Members and declared that the candidates had been duly elected.

The President announced that the next Discussion meeting would be held on Thursday, the 4th February, when Dr. B. S. Guha would open a discussion on 'Races and Cultures of India'.



MARCH

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 1st, at 5 P.M.

PRESENT

DR. S. P. MOOKERJEE, M.A., B.L., LL.D., D.LITT., President, in the Chair.

Members :

Agharkar, Dr. S. P.
 Bent, Mr. W. A.
 Biswas, Dr. K. P.
 Brown, Mr. Percy
 Chatterjee, Mr. B. C.
 Edgley, The Hon. Mr. Justice
 N. G. A.
 Fawcus, Mr. E. R.

Gangoly, Mr. C. C.
 Griffiths, Dr. W. G.
 Hawes, Mr. R. M.
 Hendrie, Mr. J. H.
 Hobbs, Major H.
 Kramrisch, Dr. S.
 Majumdar, Dr. R. C.
 Sen, Mr. N. C.

Visitors :

Reynolds, Mr. N. S.

Warner, Capt. E. T. H.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following 18 presentations of books which had been placed on the table for inspection:—

1. From the Author: Introduction to Vedanta Manjusa and Indian Monism by N. C. Vedantatirtha, Calcutta, 1938.
2. From the Indian Science Congress Association: Proceedings of the 28th Session, Calcutta, 1942.
3. From Director, Archaeological Researches in Mysore: Annual Report of the Mysore Archaeological Department for 1941, Mysore, 1942.
4. From Govt. of India: Panchalas and their Capital Ahichchatra (Memoirs, Arch. Sur. of India No. 67) by B. C. Law, Delhi, 1942.
5. From the Trustees: Annual Report of the Prince of Wales Museum of Western India for 1941-42, Bombay, 1942.
6. From the Govt. of India: Annual Report on S. Indian Epigraphy for the year ending 31-3-1938, Calcutta, 1942.
7. From Sh. M. Ashraf: Geographical Factors in Arabian Life and History by Sh. Inayatullah, Lahore, 1942.
8. From the Author: Sanskrit Poetesses by J. B. Chaudhuri, Vol. II, pt. A, Calcutta, 1941.
9. From the Author: Art and Archaeology Abroad by Kalidas Nag, Calcutta, 1937.
- 10-11. From Smithsonian Institution: Origin of the Far Eastern Civilization by C. W. Bishop; Evolution of Nations by J. R. Swanton, Washington, 1942.
12. From the Author: Early Sculpture of Bengal by Sarasi Kumar Saraswati, Calcutta, 1937.
13. From the Author: Le makara dans la Sculpture de l'Inde by J. Ph. Vogel, Paris, 1930.
14. From the Author: Bombay Naufragia by T. W. Venn.
15. From Folk-lore Society: British Calendar Customs, Scotland by M. M. Banks, London, 1941, Vol. III.
16. From N. C. Vedantatirtha: Aksapada Gotama, Calcutta, 1336 B.S.
17. From R.A.S.B.: Descriptive Catalogue of the Vernacular MSS. in R.A.S.B., ed. by J. N. Gupta, Calcutta, 1941.
18. From the Editor: Abhijnana Sakuntala, ed. by K. P. Vidyaratna, Calcutta, 1932.

The General Secretary reported that the following candidates would be balloted for as Ordinary Members:—

(11) Ray, Nihar-Ranjan, M.A., D.Litt. & Phil. (Leiden), Dip. Lib. (London), F.L.A., University Librarian and Post-Graduate Lecturer; Central Library, The University, Calcutta.

Proposer: Suniti Kumar Chatterji.

Seconder: Kalidas Nag.

(12) *Ray, Kanakendra Mohan*, B.A. (Cal.), Assistant Inspector, Jute Regulation, P.O. Kamalesagar, Tipperah.

Proposer: Suniti Kumar Chatterji.

Seconder: Kalidas Nag.

(13) *Rahman, A. F. M. Khalil-ur*, B.A. (Lond.), Ph.D. (Lond.), Professor of History, Presidency College; 103 Ballygunge Place, Calcutta.

Proposer: M. M. Haq.

Seconder: S. K. Rahman.

(14) *Sen, Anil Kumar*, M.B. (Cal.), Director of Laboratories of Biological Research and Experimental Therapy, B.C.P.W.; 75 Ballygunge Place, Calcutta.

Proposer: K. N. Bagchi.

Seconder: Suniti Kumar Chatterji.

(15) *Singh, B. N.*, D.Sc., F.N.I., F.A.Sc., Irwin Professor of Agriculture University Professor of Plant Physiology and Head of the Institute of Agricultural Research, Benares Hindu University, Benares.

Proposer: Suniti Kumar Chatterji.

Seconder: Kalidas Nag.

The General Secretary reported that there had been no loss of membership since the previous meeting by death or resignation.

The General Secretary reported that there had been no lapses of election under Rule 9 or withdrawals of application, since the previous meeting.

The General Secretary reported that the constitution of the Standing Committees of the Society to be as follows:—

Finance: President, General Secretary, Honorary Treasurer (*ex-officio*), Sir John Lort-Williams, The Hon'ble Mr. Justice N. G. A. Edgley, Dr. S. L. Hora and Mr. Percy Brown.

Library: President, General Secretary, Hony. Treasurer, Phil. Secretary, Jt. Philological Secretary, Natural History Secretary (Biology), Natural History Secretary (Physical Science), Anthropological Secretary, Historical and Archaeological Secretary, Medical Secretary, Library Secretary (*ex-officio*), Sir John Lort-Williams, K. B. K. M. Asadullah.

Publication: President, General Secretary, Hony. Treasurer, Phil. Secretary, Jt. Phil. Secretary, Natural History Secretary (Biology), Natural History Secretary (Phys. Science), Anthropological Secretary, Historical and Archaeological Secretary, Medical Secretary, Library Secretary (*ex-officio*), Dr. S. K. Chatterji and Dr. B. C. Law.

Bibliotheca Indica: President, General Secretary, Hony. Treasurer (*ex-officio*), Dr. S. K. Chatterji, Philological Secretary, Jt. Phil. Secretary, Dr. B. C. Law, Sir Jadu Nath Sarkar and Dr. M. Ishaque.

Programme Committee: President, General Secretary, Hony. Treasurer (*ex-officio*), Sir John Lort-Williams, The Hon'ble Mr. Justice N. G. A. Edgley, Dr. K. N. Bagchi, Mr. L. R. Fawcus, Dr. W. G. Griffiths, Mr. Percy Brown, and Dr. R. C. Majumdar.

The following exhibits were shown and commented upon:—

1. PERCY BROWN.—*A replica to a reduced scale, in bronze, of the colossal Trimurti rock sculpture in the rock-cut temple on the Island of Elephanta, Bombay.*

2. THE GENERAL SECRETARY.—*An illustrated MS. from the Indian Museum collection in the Royal Asiatic Society of Bengal.*

Viveka Pañcāmṛta (i.m. No. 5864) written at the instance of prince (Nrpa) Dalchand. It consists of an exposition in Hindi of the five sutras, viz. (1) Mahesvara sutra; (2) Kapila (samkhya) sutra; (3) Patañjala (yoga) sutra; (4) Brahma sutra, and (5) Bhakti sutra of Sandilya. The manuscript was copied in Samvat 1852 (1794 A.D.) and consists of six miniature illustrations in a style reminiscent of a mixture of late Mughal and Rajput schools.

The following communication was made :—

1. R. M. HAWES.—*Survival of immigrant Oraons in the Dooars as typical Communities.*

Summary: Favourable country; communal inclinations; facilities for settlement. Competition with indigenous Bengalis, conformity with industrial routine; acceptance of new outlook; tendency to caste equality. Advance of Western ideas; influence of Hinduism. Adaptation of customs, adjustment of regimen and its suitability; adherence to tradition; lack of enterprise.

The Chairman announced the result of the ballot for the election of Ordinary Members and declared that the candidates had been duly elected.

The Chairman also announced that the next Discussion meeting would be held on Thursday, the 4th March, at 5 P.M., when Sir Jadu Nath Sarkar, Kt., would open a discussion on 'The Indian Warfare in the eighteenth century'.



APRIL

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 5th, at 5-30 P.M.

PRESENT

DR. S. P. MOOKERJEE, M.A., B.L., LL.D., D.LITT., President, in the Chair.

Members :

Banerjee, Dr. J. N.
Bhattacharya, Mrs. S.
Chatterjee, Mr. B. C.
Chatterjee, Mr. P. P.
Das-Gupta, Mr. C. C.
Driver, Mr. D. C.

Edgley, The Hon'ble Mr. Justice
N. G. A.
Gangoly, Mr. O. C.
Hendrie, Major J. H.
Hobbs, Major Harry
Majumdar, Dr. R. C.

Nag, Dr. Kalidas.

Visitors :

Marshall, Capt. P. J.

Rock, Dr. J. F., Honolulu, T.H.

At the outset the Chairman announced the death of Mr. Johan van Manen, C.I.E., who was a Life Member (1918), an Ordinary Fellow (1927) and the General Secretary of the Society from 1923 to 1939.

The Chairman called upon the General Secretary to read an obituary notice of the late Mr. Van Manen, written by Mr. C. E. van Aken, Consul for the Netherlands, which was done.

After this Major Harry Hobbs spoke a few words about Mr. Van Manen, and also read another obituary notice prepared by Lt.-Col. N. Barwell.

On its conclusion a vote of condolence was passed, all present standing.

The minutes of the last meeting were then read and confirmed.

The General Secretary announced that the following two candidates would be balloted for as Ordinary Members:—

(16) *Sukul, L.*, Lecturer, Calcutta University: Kent House, Mission Row Extension, Calcutta.

Proposer: Kalidas Nag.

Seconder: N. Dutt.

(17) *Banerjee, Binayakanath*, M.A., B.L., Kavyatirtha, Advocate; 6/1 Williams Lane, Calcutta.

Proposer: N. K. Basu.

Seconder: N. G. A. Edgley.

The General Secretary announced receipt of twelve presentations of books, which had been placed on the table for inspection, as follows:—

1. From the Author: *Kamboja* by Swami Sadananda, Lucknow, 1943.

2. From the Author: *Indore Museum* by D. B. Diskalkar, Indore, 1942.

3. From the Author: *Pre-Vedic Times to Vijayanagara* by H. D. Sankalia, Poona, 1942.

4. From Annamalai University: *Nayaka of Tanjore* by V. Vridhagirisan, Annamalai, 1942.

5. From Govt. of India: *Kannada Inscriptions from the Madras Presidency* by R. Shama Shastry, Madras, 1941.

6. From Bh. Or. Res. Inst.: *Mahabharata Aranyaka of Vasudeva*, ed. by V. S. Sukthankar, Poona, 1942.

7-9. From the Editor: *Gilgit Manuscripts*, ed. by N. Dutt, Vols. I, II and III, Srinagar, 1939, 1941 and 1942.

10. From R.A.S.B.: *Vaikhyanasasrautasutram*, ed. by W. Caland, Bib. Ind. Work No. 265, Calcutta, 1941.

11. From Govt. of Madras: *Triennial Catalogue of MSS. during 1922-28*, Govt. Or. MS. Library, Madras, Vol. V, Telugu, ed. by P. P. S. Sastri and A. Sankaran, Madras, 1942.

12. From Calcutta University: *Haramani* by Mm. Mansur-Uddin, Calcutta, 1943.

The General Secretary reported the following loss of membership, since the previous meeting by resignation:—

1. Hirde Narain (An Ordinary Member, 1920).

The General Secretary reported that there had been no lapses of election under Rule 9 and no withdrawals of application since the previous meeting.

In accordance with Rule 48 (d), the General Secretary submitted for confirmation by the meeting the final report of the Sub-Committee appointed by the Council in November, 1942, containing certain salaried appointments, which was accepted with certain modifications by the Council at their meetings on 16-2-1943 and 16-3-1943.

FINAL REPORT OF THE SUB-COMMITTEE.

During the last two months we have had a full opportunity of enquiring into the working of the system of administration recommended by the Special Enquiry Committee and the other matters referred to us and we have had the advantage of Dr. Nag's co-operation and advice. We are satisfied that the state of slackness and confusion, inadequacy and inefficiency to which we referred in our preliminary report was not due to any fundamental defects in the system recommended and adopted for the Library, the staff and the administration generally, but to factors, some temporary and some of longer standing, which have impeded seriously the successful working of the system. Those factors are:—

- (1) Disorganization, confusion, and partial suspension of work as a result of A.R.P. measures taken to safeguard our possessions.
- (2) Lack of regular and adequate supervision and continuity of policy owing to upset caused by transfers of personnel among Government servants.
- (3) General slackness, indiscipline, lack of co-ordination and inattention to work of the staff, partly due to war scares.
- (4) Inefficiency, unsuitability, and lack of necessary cultural equipment of certain members of the staff, particularly in the Library.

(1) These (A.R.P.) measures have now been completed. Partly due to inconsistent orders, of the 32,000 odd volumes of books, etc. ten months were spent by the old staff of the Library in removing some 20,000 to the ground floor, whereas the balance of 12,000 has been removed, under Dr. Nag's direction, in the single month of January, 1943.

(2) This condition has been remedied by the appointment of Dr. Nag as General Secretary, upon the terms recommended in our preliminary report.

(3) General slackness and indiscipline, etc. of many members of the staff, both clerical and menial, had gradually reached very serious proportions. Henceforth a register should be kept by the Superintendent of the time kept by every member of the staff and the Rules about late attendance, etc. strictly enforced by the General Secretary. The authority of the Superintendent should be strengthened—call complaints, etc. should be made to him and brought by him to the notice of the General Secretary. Any approach by any member of the staff to individual members of the Council should be considered a ground for dismissal.

(3-4). Our task has been simplified to some extent by—(a) The resignation of Mr. De. (b) The resignation of Mr. Das. (c) The dismissal of the temporary Filing Clerk whose services were no longer necessary. (d) The headlong flight without notice of all but four of the menial staff after the air-raid on 24-12-1942. These were the men upon whom we had sought to rely for A.R.P. measures. Their work and discipline had been unsatisfactory for some considerable time and they were dismissed summarily. A smaller number of menials, including cycle peons, on slightly higher pay, have been appointed in their place.

Book Library.

A modified version of the 'Dewey' system of cataloguing, etc. was adopted upon the recommendation of the Special Enquiry Committee, after very careful consideration of experienced advice. We are of opinion that it is fully adequate and eminently suitable for the peculiar needs of our Library. The necessary special registers and equipment were purchased, at a cost of Rs.711, so far back as August, 1941. We find that during the seventeen intervening months very little work has been done on the Authors Catalogue, less on the Subjects Catalogue and some of the Registers have not even been touched. For many months nothing has been done at all. In such a lamentable state of affairs and in face of such gross slackness, confusion, ignorance and lack of necessary experience of those responsible, we are not surprised at the report of the Library Sub-Committee. But the defects are not in the system adopted, but in the omission to work it.

We estimate that with a proper staff and ordinary application the Authors Catalogue from 1934 to date can be completed within three months, and the Subjects Catalogue for the same period within another three months.

Dr. Nag has transferred to the Library Raye, who in the past had had considerable experience of work in our Library, and intends to transfer Gupta, also, who is able to type. In addition, we recommend that Mr. B. C. Bose, M.A., who has been appointed provisionally, be appointed permanently as Library Assistant upon the grade of Rs.75—5—125. We recommend also that Mr. N. Gupta, who has been about 19 years in our service upon the lower grade of Rs.50—3—80, plus a personal allowance of Rs.10 recommended by the Special Enquiry Committee, be raised to the grade of Rs.75—5—125 with a commencing salary of Rs.100.

MSS. Library.

The neglect of our priceless collection of MSS. for many years past amounts almost to a disgrace. Since the death of Dr. H. P. Sastri their cataloguing has been talked about for a long time, but very little has been done and, in our opinion, much money has been wasted. We find that two part-time Editors alone succeeded in absorbing Rs.25,000. We undertook, over six years ago, to prepare, within two years, a catalogue of 11,000 MSS. from the Indian Museum, entrusted to us by Government and the work has not yet been touched. We consider that these heavy tasks should be undertaken forthwith and actively and unceasingly pursued by culturally qualified students tackling particular collection and being remunerated, upon a specific project basis, out of the Oriental Publication Funds until the whole work has been completed. We cannot afford to get all this necessary work done quickly without some voluntary help and we recommend that efforts be made to enlist promising young scholars who are interested in this kind of work, and, in addition, that Mr. S. K. Saraswati, M.A., who has been appointed as Library Assistant provisionally upon a part-time basis of 3 hours daily at a salary of Rs.100 per month be retained upon the same terms for the time being. The question of his permanent employment may be considered after six months' experience has been gained. His salary should be debited to the Oriental Publications Fund No. 1.

Audit and Valuation, Press, Publications, Stock.

The insurance of our possessions is in a most unsatisfactory and muddled condition, mainly owing to the fact that we have only the vaguest idea about their value. A proper valuation, so far as possible, should be commenced immediately and a new Policy taken out to cover

accurately specified properties and complete inventories should be made of all our assets. A thorough overhaul of *stock* is necessary and accurate statements prepared showing which of our publications have been completed. The *Press* and *Publication* side of our activities has been neglected and has suffered on account of slackness, lack of interest, unsuitability and lack of necessary equipment of the staff employed. We require constant information and advice about the business part of our undertaking and guidance about which publications are most in demand, so as to avoid blocking too much capital in slow-selling publications. For all these purposes we recommend the provisional appointment of Mr. D. Burman, M.Com., on a part-time basis of 3 hours daily and a salary of Rs.100 per month to date from the 1st of February, 1943. His permanent appointment may be considered later.

It will be observed that our recommendations are mainly tentative and experimental and their success will depend upon constant supervision, trial, consultation and report. In conclusion therefore we recommend that this Sub-Committee be re-appointed, to assist the General Secretary, make interim reports if necessary, and, after six months trial, review the situation generally, report to the Council on the results of the measures taken, and advise about the future.

Consideration of Final Report of the Sub-Committee appointed by the Council on 2-11-1942. Order: Accept the majority report with the following modifications. Mr. Bose to remain provisionally appointed. Mr. Gupta granted provisionally a salary of Rs.100 irrespective of grade with effect from 1st February, 1943. Mr. Burman to be appointed for five months on Rs.100 per month from 1st February, 1943. Mr. Pramila Bose, Assistant Librarian, Calcutta University, is appointed to assist in the organization of the Library on an honorarium of Rs.300. The Sub-Committee need not be re-appointed. Council No. 10 of 16-2-1943.

Order: Confirm.

The following paper was read:—

1. C. C. DAS-GUPTA.—*Some Terracottas from Mathura preserved in the Francis Hopp Museum of Asiatic Arts.*

In this paper, the author has given an account of twenty-eight so far unpublished specimens of terracottas, reported to have been found at Mathura, which are now preserved in the Francis Hopp Museum of Asiatic Arts at Budapest in Hungary. On considerations of stylistic evolution and analogy with those specimens of terracottas whose ages have been established, the author thinks that these may be ascribed to the post-Indus Valley, pre-Maurya, Maurya, Sunga, Kushana and Gupta periods. The religious and secular characteristics of these specimens have been dealt with and the stages of evolution which they have gone through are also indicated.

The Chairman then called upon the General Secretary to show and explain the exhibit of *Select coins from the collection of the Royal Asiatic Society of Bengal.*

The Chairman announced the result of the ballot for the election of the Ordinary Members and declared that both the candidates had been duly elected.



MAY

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 3rd, at 5-30 P.M.

PRESENT

DR. R. C. MAJUMDAR, M.A., PH.D., Historical and Archaeological Secretary, was in the Chair.

Members :

Bagchi, Dr. K. N.	Ghose, Mr. R. C.
Bhattacharjee, Mrs. S.	Habibullah, Mr. A. B. M.
Chatterjee, Mr. B. C.	Hendrie, Major J. H.
Chattopadhyay, Mr. K. P.	Hobbs, Major Harry
Culshaw, Rev. W. J.	Hora, Dr. S. L.
Driver, Mr. D. C.	Malik, Khan Bahadur A. R.
Edgley, The Hon'ble Mr. Justice N. G. A.	Nag, Dr. Kalidas.

Visitors :

Deb, Kumar H. K.

Sanyal, Dr. A. N.

The minutes of the last meeting were read and confirmed.

The General Secretary announced that the following candidates would be balloted for as Ordinary Members:—

(18) *Aken, C. E. van*, Consul of the Netherlands, 27 Dalhousie Square, Calcutta.

Proposer: Mr. Justice N. G. A. Edgley.

Seconder: K. Nag.

(19) *Khaitan, Kali Prasad*, Barrister-at-Law, 6 South End Park, P.O. Rashbehari Avenue, Calcutta.

Proposer: K. Nag.

Seconder: R. C. Ghose.

(20) *Khundkar, The Hon'ble Mr. Justice N. A.*, Barrister-at-Law, High Court, Calcutta.

Proposer: Mr. Justice N. G. A. Edgley.

Seconder: Percy Brown.

(21) *Crofton, Morgan George*, Captain, Indian Army; c/o Messrs. Lloyds Bank, Clive Street, Calcutta.

Proposer: Mr. Justice N. G. A. Edgley.

Seconder: K. Nag.

(22) *Chokhany, Ram Dev*, Rai Bahadur, 27 Baranashi Ghose Street, Calcutta.

Proposer: Mr. Justice N. G. A. Edgley.

Seconder: K. Nag.

(23) *Sen, Karunaketan*, I.C.S., Special Officer, Directorate of Civil Supplies of Bengal; 5-A Heysham Road, Elgin Road, Calcutta.

Proposer: K. Nag.

Seconder: R. C. Majumdar.

(24) *Tyson, Geoffrey William*, C.I.E., Journalist, Managing Editor, *Capital*, 7 Church Lane, Calcutta.

Proposer: Sir John Lort-Williams.

Seconder: K. Nag.

(25) *Rajgarhia, Chand Mull*, Mining Engineer, Giridih, E.I. Ry.

Proposer: Cyril S. Fox.

Seconder: W. D. West.

(26) *Mullan, C. S.*, C.I.E., M.A., I.C.S., Commissioner of Income Tax, Bengal; U.S. Club, Calcutta.

Proposer: Mr. Justice N. G. A. Edgley

Seconder: K. Nag.

(27) *Chatterjee, Paresh Chandra*, Merchant, 6 Mission Row, Calcutta.

Proposer: K. Nag.

Seconder: R. C. Majumdar.

(28) *Sanyal, Probodh Chandra*, B.A., Nabadwip, Bengal.

Proposer: K. Nag.

Seconder: R. C. Majumdar.

The General Secretary reported receipt of 13 presentations of books, which had been kept on the table for inspection:—

1. From the Author: *This thy Body* by Mrs. C. Chesterton, London.
2. From the Author: *Hindu Realism* by J. C. Chatterjee, Allahabad, 1912.
3. From University of Madras: *Critical Studies on Katyayana's Suklayajurvedapratishakhyā* by M. V. V. Sarma, Madras, 1935.
4. From the Author: *Oriental Treasures* by J. C. Katrak, Bombay, 1941.
5. From Smithsonian Institution: *Natural History Background of Camouflage* by H. Friedman, Washington, 1942.
6. From Govt. of Bengal: *Press-list of ancient Documents re. Governor-General in Bengal in Council, etc.*, Rev. Dept., Vol. X, Calcutta, 1942.
7. From Dist. Lab. Assn.: *Handbook of Castes and Tribes employed in Tea Estates in N.E. India*, Calcutta, 1924.
8. From the Author: *Twenty Portraits* by Mukul Dey, Calcutta, 1943.
9. From the Author: *Report of the Game and Game Fishes Preservation Com., etc.*, Bengal, by L. R. Fawcett, Calcutta, 1943.
10. From Smithsonian Institution: *Peoples of the Philippines* by H. W. Krieger, Washington, 1942.
11. From the Author: *Peshwa Madhav Rao I* by A. C. Banerjee, Calcutta, 1943.
- 12-13. From Hakluyt Society: *Europeans in West Africa, 1450-1560*, Vols. I and II, by J. W. Blake, London, 1942.

The General Secretary reported the following loss of membership, since the previous meeting by death:—

(3) Sir Bryce Burt (An Ordinary Member, 1934).

(4) Sir Chhajuram Chowdhury (A Life Member, 1927).

The General Secretary reported that there had been no loss of membership since the previous meeting by resignation.

The General Secretary reported that there had been no withdrawals of application, since the previous meeting.

In accordance with Rule 45, the General Secretary reported that the Council submit for confirmation to the meeting the following changes in the constitution of the Council, made at the Council meeting held since the last Ordinary Monthly Meeting:—

Dr. R. C. Majumdar, Historical and Archaeological Secretary, to be Library Secretary in addition to his own duties, vice Dr. S. L. Hora, who will remain a member of Council.

Order : Confirm.

The following papers were read:—

1. K. P. CHATTOPADHYAY.—*Korku funeral Customs and memorial Posts.*

The funeral customs of Korkus and the Sedoli rites have been described by Hiralal and Russell, and other writers. A photograph of memorial tablets has been published by Major Gordon. No photograph of the Memorial posts nor any description of the chambered variety of Mundas has so far been published.

In this paper, the author describes in detail the Sedoli ceremonial and notes the points of resemblance with the Santal and Oraon bone disposal rites. He has also noted details of the solid type Munda and of the chambered variety, observed by him. Photographs of the different types and of a Bengal *brsakastha*, which is a similar memorial post, are also given in it.

2. HARIT KRISHNA DEB.—*Mathura Lion-Capital Inscriptions.*

The remarkable lion-capital, covered with Kharoshthi inscriptions, found at Mathura by the late Pundit Bhagwanlal Indraji and bequeathed by him to the British Museum, has from time to time been made a subject for discussion by Indologists who have expressed divergent opinions on the readings and interpretations given hitherto by scholars.

In this paper, the author has made an attempt to give his own readings and interpretations in the light of latest historical data, after carefully studying the plastercast of the Capital in the Indian Museum, at Calcutta.

The Chairman then called upon the General Secretary to show and explain the exhibit of Mr. L. R. Fawcus of *Flint Implements from Syria*.

The Chairman announced the result of the ballot for the election of Ordinary Members and declared that all candidates had been duly elected.



JUNE

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 7th, at 5-30 P.M.

PRESENT

DR. M. Z. SIDDIQI, M.A., PH.D., Joint Philological Secretary (in the Chair).

Members :

Alimuddin, Mr. M. S.	Gangoly, Mr. O. C.
Bastin, Mr. R. W.	Ghose, Mr. R. C.
Bhattacharjee, Mrs. S.	Habibullah, Dr. A. B. M.
Chatterjee, Mr. P. P.	Hendrie, Major J. H.
Das-Gupta, Prof. C. C.	Majumdar, Dr. R. C.
Driver, Mr. D. C.	Nag, Dr. K.
Edgley, The Hon'ble Mr. Justice N. G. A.	Ray Chaudhuri, Dr. H. C.

Visitors :

Ahmed, Mr. S.	Ray-Chaudhuri, Mr. G. C.
Bose, Mr. S. C.	Ray, S. N.
Chatterjee, Mr. S. C.	Sarkar, Dr.
Mitra, Mr. T.	Sen, Mr. A. B.

Sen, Mr. M. U.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of nine presentations of books, which had been kept on the table for inspection. They are:—

1. From Andhra University: Advanced History of India (Hindu Period) by P. T. S. Iyengar, Madras, 1942.
- 2-4. From the Author: Tibetan Word Book; Tibetan Syllables; Tibetan Sentences by Sir Basil Gould, Oxford, 1943.
5. From the Author: Ramayana in Stone by Swami Sadananda, Calcutta, 1943.
6. From E. B. H. Baker: Practical Hand-book of Kachin or Ching-paw Language by H. F. Hertz, Calcutta, 1943.
7. From Nizam Govt.: Annual Reports of the Arch. Dept. of H.E.H. the Nizam, Hyderabad, 1942.
8. From the Indian Science Congress Association: Proceedings of the 29th Session, Calcutta, 1943.
9. From Oxford University Press: Languages and Linguistic Problem (pamphlet) by S. K. Chatterji, Calcutta, 1943.

The General Secretary announced that the following candidates would be balloted for as Ordinary Members:—

(29) *Hosain, Syed Mozaffar*, Head Assistant, Chief Garrison Engineer's Office, Ranchi, B.N.R.

Proposer: M. Z. Siddiqi.

Seconder: M. Ishaque.

(30) *Zakaria, A. K. M.*, Fellow, Calcutta University; 68 Syed Amir Ali Avenue, Ballygunge, Calcutta.

Proposer: M. Mahfuz-ul Haq.

Seconder: K. Nag.

(31) *Hasan, Zahur-ul*, M.A., PH.D., LL.B., Advocate, High Court, 'Gul Afshan', Moradabad, U.P.

Proposer: K. Nag.

Seconder: M. Ishaque.

The General Secretary reported that there had been no loss of membership, since the previous meeting, by resignation.

The General Secretary reported that there had been no lapses of election under Rule 9 or withdrawals of application, since the previous meeting.

The General Secretary announced that, in accordance with Rule 48 (a) the Council have made the following addition to the 'Regulations regarding the Library':

That the word 'Coins' be added after the word 'Inscriptions' to the body of Regulation No. 19.

The General Secretary reported the following loss of membership since the previous meeting by death:

(5) Sir Nilratan Sircar (An Ordinary Member, 1924).

The Chairman called upon the General Secretary to read the obituary notice of the late Sir Nilratan Sircar, prepared by Dr. A. C. Ukil.

The Chairman then called upon the General Secretary to read the obituary notice of the late Sir Chhajuram Chowdhury, prepared by Dr. S. C. Law.

A vote of condolence was then passed, all present standing.

The following exhibits were shown and commented upon by Dr. R. C. Majumdar:—

(1-2) *Two copper-plate Grants of Sasanka.*

These grants were discovered, somewhere in Midnapore district, about six years ago, and a short account of them with photographs and a tentative reading of the text were published

by Mr. Manishi Nath Basu, B.L., in a local paper *Madhavi*, Ashadha, 1345 B.S. (pp. 3-6). They remained, however, unknown to most scholars till the exhibitor happened to see them in course of a recent visit to Midnapore (April 23, 1943) and brought them to Calcutta. Both of them record grants of land during the reign of Sasanka. One of these Grants was made by the *samanta* Somadatta who was the Governor of Dandabhukti to which administrative unit Utkaladesa was also attached. The second Grant was made by Mahapratihara Subhakirtti. Both the Grants were issued from the *adhyakshana* of Tavira. Both the inscriptions contain dates but the numerical symbols used have not been met with before and the interpretation is, therefore, doubtful. The date of the record, when finally fixed, is likely to throw new light on the history of Sasanka.

(3) *A new Inscription, engraved on an Image of Ganesa.*

This new inscription has been recently discovered in the village of Narayanpur, in the Tipperah district. A paper-rubbing of the inscription was brought to Dr. D. C. Sircar on April, 25, 1943, and he has subsequently secured an inked estampage. The inscription records that the image was set up in the 4th regnal year of Maharajadhiraja Mahipaladeva, by the merchant Buddhimitra, an inhabitant of Vilikandhaka in Samatata.

The Chairman then called upon Dr. R. C. Majumdar to open a symposium on the early History of Bengal on the basis of recent researches and requested the members present to join in the Discussion.

The Discussion continued and members took part in it. As it was getting late, the Chairman announced that the symposium would be continued at the next Ordinary Monthly Meeting on 5th July.

The Chairman announced the result of the ballot for the election of Ordinary Members and declared that the candidates had been duly elected.



JULY

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 5th, at 5-30 P.M.

PRESENT

THE HON'BLE MR. JUSTICE N. G. A. EDGLEY, Member of Council, in the Chair.

Members :

Agharkar, Dr. S. P.
 Alimuddin, Mr. M. S.
 Bagchi, Dr. K. N.
 Chatterjee, Mr. B. C.
 Chatterji, Mrs. T.
 De, Mr. J. C.
 Driver, Mr. D. C.
 Fawcus, Mr. L. R.
 Gangoly, Mr. O. C.
 Ghose Mr. S. C.

Gurner, Mr. C. W.
 Habibullah, Dr. A. B. M.
 Jenkins, Dr. W. A.
 Majumdar, Dr. R. C.
 Mukherjee, Dr. J. N.
 Nag, Dr. Kalidas
 Rahman, Mr. A. F. M. K.
 Rai-Chaudhuri, Dr. H. C.
 Tyson, Mr. G. W.

Visitors :

Bose, Mr. S. C.
 Chakravarty, Mr. A.
 Chatterji, Mr. S. R.
 Chaudhuri, Mr. R. P.
 Dodds, Prof. E. R. (from Oxford)
 Ghose, Mr. R. M.

Ghosh, Mr. Sisir
 Ghosh, Mr. Sudhir
 Gomes, Mr. P. J.
 Johnson, Mrs. T. E.
 Ray-Chaudhuri, Mr. G. C.
 Sircar, Dr. D. C.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of nine presentations of books, which had been placed on the table for inspection. They are:—

1. From the Editor: Kaulajana-niraya, ed. by P. C. Bagchi, Calcutta, 1934.
2. From the Editor: Upanisad-Vakya-Mahakosa, Vols. 1 and 2 (one vol.) by G. S. S. Sastri, Bombay, 1940.
3. From the Trustees of the E. G. W. Gibb Mem. Series: Tadhkirat al-Muluk by V. Minovsky, E. G. W. G. Ser. Vol. XVI, London, 1943.
4. From the Royal Society: Year Book of the Royal Society for 1943, London, 1943.
5. From R. C. Ghose: Partition of Bengal by C. C. Ghose, Calcutta, 1906.
6. From T. B. Cunha: Etnografia da India Portuguesa by A. B. de B. Pereira, Bastora, 1940. (2 vols.)
- 7-9. From Smithsonian Institution: Polynesians: Explorers of the Pacific by J. E. Weckler, Jr.; The Japanese by J. Embree; Siam: Land of Freeman by H. G. Deignan, Washington, 1943.

The General Secretary announced that the following candidates would be balloted for as Ordinary Members:—

(32) *Sinha, Ananda Prosad*, M.A. (Cal.), Ph.D. (Colorado), Organizing Secretary, Calcutta City Bank, Ltd., Lalitanilaya, Katwa P.O., Burdwan.

Proposer: K. Nag.

Seconder: R. C. Majumdar.

(33) *Rahman, B.*, Landowner, 26-D Marsden Street, Calcutta.

Proposer: M. S. Alimuddin.

Seconder: K. G. M. Farouki.

(34) *Lawson, C. P.*, President, European Association; Imperial Chemical Industries, Ltd., 18 Strand Road, Calcutta.

Proposer: N. G. A. Edgley.

Seconder: K. Nag.

(35) *Rolles, Rev. Montague John*, Missionary, London Mission, Kamalapuram, Dt. Cuddappah, Madras Presy.

Proposer: F. H. Gravely.

Seconder: K. Nag.

(36) *Roy, Sudhindra Nath*, M.A., Landlord, 3 Tiloke Road, Ballygunge, Calcutta.

Proposer: O. C. Gangoly.

Seconder: K. Nag.

(37) *Gupta, H. C.*, I.C.S., Additional Land Acquisition Collector, 24-1 Ballygunge Circular Road, Calcutta.

Proposer: O. C. Gangoly.

Seconder: K. Nag.

The General Secretary reported the following loss of membership, since the previous meeting by resignation:

(2) R. Ghosh (An Ordinary Member, 1940).

The General Secretary reported that the election of

(3) K. M. Ray (elected on 1-3-1943)

had become null and void under Rule 9.

The General Secretary reported that

(1) Dr. B. N. Singh (elected 1-3-1943)

had withdrawn his application for membership.

The General Secretary reported that Mr. S. P. Mahajan who was removed from membership under the operation of Rules 37 and 38 had now regularized his position by paying all his dues, and he had now been made a member in accordance with Rule 39.

In accordance with Rule 48(a), the General Secretary reported that the Council since the last Ordinary Monthly Meeting, had made the following changes in the 'Regulations regarding the Election of Fellows':—

'For the duration of the war, in order to get the nomination and voting papers from abroad, that the meetings contemplated in Regulations Nos. 2 and 8 should be held in February instead of June, and within the fortnight preceding the 7th of August, instead of October respectively'.

The General Secretary also reported that during the last two years, owing to the war, the nomination papers were sent only to the Fellows residing in India, and the voting papers were issued to all the Fellows within the fortnight preceding the 7th of August, instead of the 7th of October.

The General Secretary reported the following loss of membership, since the previous meeting by death:

(6) T. B. Jameson (An Ordinary Member, 1926).

The Chairman called upon Mr. L. R. Fawcus to read an obituary notice of the late Mr. Jameson, M.C., I.C.S.

The Chairman called upon Dr. J. N. Mukherjee to read an obituary notice of the late Sir Bryce Burt, Kt., C.I.E., M.B.E., I.A.S. (retd.).

After the reading of the obituary notices, a vote of condolence was passed, all present standing.

The following paper was read:—

1. C. W. GURNER.—*Psychological Imagery in Kālidāsa.*

The author analyzes the use by Kālidāsa of a type of imagery more familiar in Sanskrit than in western poetry, namely, that illustrating scenes and activities in the material world from phases of consciousness, or one psychological experience from another. It is suggested that the underlying ground for the prominence of this type of simile lies in the introspectiveness of Sanskrit thought and literature and in the sense of the equivalence on the plane of reality, such as it may be, of the material world and personal consciousness. With a view to defining the subject for the western reader, the author quotes a rare instance of this type of simile in western literature, viz. Leigh Hunt's sonnet on the river Nile:—

‘It flows through old hushed Egypt and its sand
Like some grave mighty thought threading a dream.’

Brief reference is then made to the use of the psychological simile in the Rāmāyana and in the works of Asvaghosha which are among the most important influences on Kālidāsa. The author then traces the use of this imagery from Kālidāsa, taking instances from (a) the simple consciousness of existence, (b) intellectual processes, such as education and memory, (c) the experience of volition (where the simile is largely due to verbal play on the word ‘Manōratha’), (d) emotional experience, such as affection, and (e) moral conflict. Reference is made to the difficulty of finding a dividing-line between genuine similes from psychological experience and similes from the conventional fields of erotic ideas (Śṛṅgāra) as codified by Vātsāyana, or from conventional ideas associated with dharma and arthaśāstra. It is pointed out in conclusion that the range of conscious and subconscious experience is only one branch of the field of abstract ideas on which Kālidāsa draws for the ornament of simile in all its forms; and that this faculty of illustration from the abstract to the concrete is distinctive not of Kālidāsa as compared with other Sanskrit writers, but of Sanskrit literature as a whole compared with the western classics.

In the discussion that followed the reading of the paper, Prof. E. R. Dodds of the University of Oxford took part, who was introduced to the meeting by the General Secretary.

The adjourned symposium on the 'Early History of Bengal' was then continued, many members taking part in the discussion.

The Chairman announced the result of the ballot for the election of Ordinary Members and declared that all the candidates had been duly elected.



AUGUST

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 2nd, at 5-30 P.M.

PRESENT

DR. S. P. MOOKERJEE, M.A., B.L., LL.D., D.LITT., President, in the Chair.

Members :

Agharkar, Dr. S. P.
Akbar, Mr. M.
Chatterjee, Mr. B. C.
Chatterji, Dr. S. K.
Culshaw, Rev. W. J.
Dhiman, Mr. M. C.
Edgley, The Hon'ble Mr. Justice
N. G. A.

Griffiths, Dr. W. G.
Hendrie, Major J. H.
Hobbs, Major H.
Malik, Mr. A. R.
Majumdar, Dr. R. C.
Nag, Dr. Kalidas
Sukul, Mr. L.

Visitors :

Adhikary, Mr. J.
Ali, Mr. S. B.
Bhaduri, Mr. P.
Chakravarti, Mr. A. C.
Chatterjee, Mr. C.
Dutt, Mr. S. C.
Ganguly, Mr. B.
Ghosh, Mr. A. K.
Gomes, Mr. P. J.
Kamal-ud-Din, Mr. K.
Khan, Mr. A. W.

Khan, Mr. H. H.
Kundu, Dr. B. C.
Mitra, Mr. G.
Mukerji, Mr. D.
Nandi, Mr. P.
Pyne, Mr. S. K.
Ramachandran, Mr. T. N.
Sen-Gupta, Mr. J. C.
Shahidullah, Md.
Venkatram, Mr. M. S.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following ten presentations of books, which had been placed on the table for inspection:—

1. From General Printers and Publishers: History of Bengal, Hindu Period by R. C. Majumdar, Calcutta, 1943.
2. From B. C. Law: Vamsatthappakasini (Commentary on Mahavamsa) by G. P. Malalasekhara (2 vols.), London, 1935.
3. From Popular Book Depot: Life in the Gupta Age by R. N. Sastore, Bombay, 1943.

4. From Parsee Punchayat Funds: Oriental Treasures by J. C. Katrak, Bombay, 1941.

5-8. From Madras Govt.: Records of Fort St. George. Letters of Fort St. George, Vol. XL, Madras, 1942; do., 1943; Proceedings of the Mayor's Court, 1927, Vol. XLI, Madras, 1942; Letters to Fort St. George, 1761, Madras, 1942. (4 vols.)

9-10. From the Imperial Library: Author Catalogues of Printed Books in European Languages, Vols. III and IV, Calcutta, 1943.

The following candidates were balloted for as Ordinary Members:—

(38) *Bhattacharyya, Jogesh Chandra*, M.A., Lecturer in English, City College; 41 Deb Lane, P.O. Entally, Calcutta.

Proposer: Chintaharan Chakravarti.

Secunder: Durgacharan Chatterji.

(39) *Gurunath, Marti Mannariah*, M.A., Salt Merchant, 52 Brahmin Colony, Tuticorin, S. India.

Proposer: K. Nag.

Secunder: Durgacharan Chatterji.

(40) *Basu, Jogesh Chandra*, Vidyabinode, Government Pensioner and Landholder, 'Vasudham', P.O. Contai, Dt. Midnapur.

Proposer: K. Nag.

Secunder: Durgacharan Chatterji.

(41) *Ahuja, Yog Dhyani*, M.A., M.O.L., Hons. in Persian, Professor, Head of the Department of Persian and Urdu, Doaba College, Jullundur City, Punjab.

Proposer: Suniti Kumar Chatterji.

Secunder: O. C. Gangoli.

(42) *Gomes, Polycarp Joseph*, Secretary, European Group, Calcutta Corporation; 2-A Haralal Das Street, Calcutta.

Proposer: Sushil Chandra Ghosh.

Secunder: C. W. Gurner.

(43) *Ghose, Debes Chandra*, Merchant and Tea Estate Agent, P.O. Box No. 632; 'Mission Court', P. 12, Mission Row Extension, Calcutta.

Proposer: K. N. Bagchi.

Secunder: K. Nag.

The General Secretary reported the following loss of membership, since the previous meeting by death:—

(7) Sir Sydney Burrard (A Special Anniversary Member, 1934).

(8) Rev. William Pettigrew (An Associate Member, 1939).

The General Secretary reported the death of Sir Jehangir Coyajee, who was an Ordinary Member of the Society from 1925-34 and a Member of Council from 1929-32.

The Chairman proposed a vote of condolence on the death of these three distinguished men, which was adopted, all present standing.

The General Secretary reported that there had been no loss of membership, since the previous meeting, by resignation.

The General Secretary reported that the election of

(4) M. G. Crofton (elected on 3-5-1943)

had become null and void, under Rule 9.

The General Secretary reported that there had been no withdrawals of application, since the previous meeting.

In accordance with Rule 48(d), the General Secretary submitted for confirmation by the meeting the following appointments and changes made on the staff of the Society by the Council, since the last Ordinary Monthly Meeting:—

1. Mr. S. K. Saraswati, M.A., who has been working in the Society's Library temporarily since January 1943, has been appointed as Librarian of the Society on a salary of Rs.150—25—200 per month with effect from 1-8-1943; he is permitted to accept a salaried appointment in the Post-Graduate Department of the Calcutta University involving an absence of not more than three hours on two days each during the period when the University is in session. He shall not be permitted to take any other remunerative work.

2. Mr. B. C. Bose, M.A., who has been working as Library Assistant since January 1943 will continue in the Library for six months longer with effect from 1-8-1943 on his present salary of Rs.75 per month.

3. Mr. D. Burman, M.Com., who has been working in the Publication Department on a part-time basis of 3 hours a day on an emolument of Rs.100 per month will continue as such on the same terms.

4. Messrs. S. K. Ray and N. Gupta who were transferred to the Library in January 1943, have been re-transferred to the General Office, the former remaining as General Assistant and the latter a clerk in the Publication Department.

Order : Confirm.

The following papers were read:—

1. D. N. MAJUMDAR.—*Blood Groups of Tribes and Castes of the United Provinces with special reference to the Korwas.*

The main centres of tribal concentration in northern India are the Chotanagpur plateau with adjoining Indian States of Sarguja, Jashpur, Rewa and the Mirzapur district of the United Provinces, also Bundelkhand and Baghelkhand and the cis-Himalayan and submontane districts in the United Provinces.

There are four important tribal groups in the U.P.: (1) the Mirzapur tribes, (2) the tribes of the submontane districts, (3) the Khasas and other tribes of the cis-Himalayan region, and (4) the wandering and vagrant tribes.

So far, no data on the Blood Groups of the Mirzapur tribes who are believed to be racially akin to the Munda-speaking tribes of Chotanagpur and adjacent Indian States exist. The Korwas are the most primitive tribe in this area and their blood groups data are given for the first time by the author. It has been found that the Korwas are a more or less inbred group, faced with extinction. Their blood groups show a high A con-

centration which is highly significant. The paper is concluded with a discussion of their blood groups.

The paper is illustrated by plates and maps.

2. HARISH CHANDRA RAY.—*Report on a Collection of Molluscs from Santal Parganas, Bihar.*

In this paper, the author has made an endeavour to study and group the collection of molluscs obtained by Drs. H. S. Rao and H. A. Hafiz of the Zoological Survey of India from the District of Santal Parganas in Bihar. It has been found that it contains seventeen genera and twenty-seven species. The most interesting find is that of a young shell of land snail from the scrub jungle on the slope of Phuljori Hills, about 20 miles from Dumka in Deoghar Sub-Division. It is the type of the 'large depressed variety'.

The examination of the specimens has revealed certain interesting facts connected with the geographical distribution of a few species and varieties hitherto unknown from the area.

The author has grouped the species and varieties according to Kennard and Woodward, and Pilsbry and Bequaert.

3. B. C. KUNDU.—*Anatomy of Jute Stem with special reference to Cambial Activity and Distribution of Fibres in relation to Leaf-Trace System.*

In this paper, the author has described the anatomy of jute stem in different stages of development. In the young stem it has been found that the vascular tissues are not arranged in the form of discrete bundles, but they form a vascular ring from the beginning. The fibres which are all secondary in origin differentiate fully only in internodes which have ceased to grow in extension. Secondary phloem and secondary xylem are continually added on its two sides by the activity of the cambium. In the secondary phloem patches of fibres and soft phloem tissue are arranged alternately in radial seriation. The production of xylem is much greater than that of phloem.

Mucilage cells and canals are found to be abundantly present in the stem, in the pith and in the cortical tissues. Crystals of calcium oxalate occur widely in all the tissues except the xylem. Tannin in various forms is present in some varieties of *Corchorus capsularis*. The phyllotaxy is $\frac{2}{3}$, but may be $\frac{3}{8}$ in vigorously growing shoot. Each leaf usually has three bundles, which enter the stem as a trilacunar trace. An attempt has been made to work out the course of the trace bundles in the stem axis.

The distribution of the fibres in relation to the leaf-trace system has been worked out in detail. Fibres are absent in the bundles of the leaf; but as the bundles enter the stem axis,

fibres gradually differentiate in the traces at first towards the periphery of the trace and then centripetally towards the inner side. When the bundles properly take their position in the axis, cambial activity completely encloses the trace strands and new fibres continue to be formed on the outside.

In conclusion, the author has discussed the problems of fibre differentiation, and distribution of fibres in relation to leaf-trace system in the light of previous contributions on the subject and of his present study.

The paper is illustrated by plates and numerous figures.

The Chairman thanked Dr. W. G. Griffiths and Mr. D. Mukherji for taking the trouble of communicating the papers to the meeting.

Mr. T. N. Ramachandran, Superintendent, Archaeological Survey of India, then showed and explained the exhibits (plates, maps, etc.) of the recent archaeological findings at the ruins of Mainamati and Lalmai, near Comilla, Bengal.

The Chairman announced the result of the ballot for the election of Ordinary Members and declared that the candidates had been duly elected.

The Chairman announced, in conclusion, that, unless special notice was given, there would be no Ordinary Monthly meetings during the recess months, September and October and that the next meeting would be held on 1st November.



NOVEMBER

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 1st, at 5-30 P.M.

PRESENT

THE HON'BLE MR. JUSTICE N. G. A. EDGLEY, M.A., I.C.S.,
Barrister-at-Law, Member of Council, in the Chair.

Members:

Agharkar, Dr. S. P.
Basu, Mr. J. N.
Bhattacharjee, Mrs. S.
Das-Gupta, Dr. C. C.
Fawcus, Mr. L. R.
Ghuznavi, Mr. I. S. K.
Haq, Khan Sahib M. M.

Hobbs, Mr. H.
Hora, Dr. S. L.
Ishaque, Dr. M.
Nag, Dr. K.
Sen, Mr. S. C.
Vedantatirtha, Mr. N.
and others.

The minutes of the last meeting were read and confirmed,

The General Secretary reported receipt of the following 19 presentations of books, which had been kept on the table for inspection:—

1-2. From the Madras Govt.: Letters to Fort St. George, 1762—Records of Fort St. George, Vol. XLII, Madras, 1943; Public Department Sundry Book, 1759-1771; Vol. XII, Madras, 1942.

3. From the Department of Education, Baroda State: The Foundation of Mahratta Power in the South and Shahji's contribution to the establishment of the Mahratta Empire, Baroda, 1942.

4-5. From the Author: Manimekhalai in its historical setting by S. Krishnaswami Aiyangar, London, 1928; A History of Tirupati by S. Krishnaswami Aiyangar, Vol. 2, Tirumalai, Madras, 1941.

6. From the Prince of Wales Museum: Prince of Wales Museum, Western India, report for the year 1940-41, Bombay, 1942.

7. From R.A.S.B.: Maathir-ul-Umara, Vol. 1 by Beveridge and Prashad, Calcutta, 1941.

8-11. From the Smithsonian Inst.: Poisonous Reptiles of the World by Dr. M. Cochran, Washington, 1943; Egypt and the Suez Canal by Jr. F. H. H. Roberts, Washington, 1943; Are Wars Inevitable by J. R. Swanton, Washington, 1943; Native Peoples of New Guinea by M. W. Stirling, Washington, 1943.

12. From the Nagpur University: Astronomical Method and its application to the Chronology of Ancient India by K. L. Daftari, Nagpur, 1942.

13. From Tirumalai-Tirupati Devasthanam: History of Tirupati by S. K. Aiyangar, Vol. 1, Madras, 1940.

14. From Bombay Govt.: Daulat Rao Sindhia's Affairs, 1804-09 by N. B. Roy, Bombay, 1943.

15. From Maxwell Company: Oudh and the East India Company, 1785-1801 by P. Basu, Lucknow, 1943.

16. From Govt. of India: Ashtadasasahasrika Prajnaparamita and of an unidentified Text by Sten Konow, Delhi, 1942.

17. From Times of India: Has Congress Failed, by a Student of Public Affairs, Bombay, 1943.

18. From Govt. of India: The Manley Collection of Stone Age Tools, with topographical and other notes by A. Aiyappan and F. P. Manley, Delhi, 1942.

19. From the Author: Borobudur by Swami Sadananda, Calcutta, 1943.

The General Secretary reported that the following candidates had been elected Ordinary Members, during the recess months, September and October, under Rule 7:—

(44) *Rankin, Niall*, Lt.-Col., Scots Guards, Fellow, Royal Geographical Society, Member, Royal Central Asian Society; 15 Queens Park, Ballygunge, Calcutta.

Proposer: K. Nag.

Seconder: C. L. Jain.

(45) *Singh, Partap*, Merchant, Grosvenor House, Calcutta.

Proposer: A. F. M. Abdul Ali.

Seconder: P. J. Gomes.

(46) *Sahu, Lakshminarayan*, M.A., Member, Servant of India Society; Idigapadia, Cuttack.

Proposer: C. L. Jain.

Seconder: K. N. Bagchi.

(47) *Saran, Paramatma*, M.A. (Benares), Ph.D. (London), Lecturer in History, Benares Hindu University, Benares.

Proposer: Baini Prashad.
 Seconder: B. S. Guha.

(48) *Clague, Peter*, Lieutenant, Royal Artillery; c/o Messrs. Lloyds Bank, Ltd., Karachi.

Proposer: K. Nag.
 Seconder: R. C. Majumdar.

(49) *Mitter, Sushil Chandra*, M.A. (Cal.), D.Litt. (Paris), Writer and Research Scholar, 10/1A Maheschaudhuri Lane, Bhawanipore, Calcutta.

Proposer: K. Nag.
 Seconder: R. C. Majumdar.

The General Secretary announced that the following candidates would be balloted for as Ordinary Members:—

(50) *Ghose, Gobinda Prosad*, M.A., B.L., Landholder, 43 Rashbehari Avenue, Calcutta.

Proposer: P. C. Gupta.
 Seconder: K. Nag.

(51) *Halwasiya, P. D.*, Merchant, 47 Mukhtaram Babu Street, Calcutta.

Proposer: R. D. Chokhany.
 Seconder: K. Nag.

(52) *Harlalka, B.*, M.A., Merchant, 75-G Paddapukur Road, Calcutta.

Proposer: R. D. Chokhany.
 Seconder: K. Nag.

(53) *Gupta, Jyotish Chandra*, Professor of Pharmacology, School of Tropical Medicine, Calcutta.

Proposer: S. L. Hora.
 Seconder: M. N. Saha.

The General Secretary reported the following loss of membership, since the previous meeting, by death:

(9) Rai Bahadur P. N. Mullick (An Ordinary Member, 1929).

(10) S. S. Huda (An Ordinary Member, 1940).

(11) K. C. De (A Life Member, 1895).

(12) Sir Aurel Stein (An Honorary Fellow, 1920).

The General Secretary reported the death of Lord Meston, an old member of the Society, from 1926–1931.

The General Secretary reported the death of Dr. C. G. Seligman who was the recipient of the Annandale Memorial Medal of the Society for Anthropology in 1930.

The General Secretary reported that there had been no loss of membership, since the previous meeting, by resignation.

The General Secretary reported that there had been no lapses of election under Rule 9 or withdrawals of application, since the previous meeting.

In accordance with Rule 48(d) the General Secretary submitted for confirmation to the meeting the following appointments made on the staff of the Society, since the previous meeting:—

1. Mr. Sibsankar Mitra, M.A., as a cataloguer for the English section of the Society's Library provisionally on a salary of Rs.100 per month, subject to an average monthly output of 600 volumes; with effect from the 1st September.
2. Pandits Jagadish Bhattacharya and Ramdhan Bhattacharya and Nani Gopal Banerjee as cataloguers for the Sanskrit section of the Society's Library on a remuneration calculated at the rate of Rs.25 for every 100 MSS. catalogued by them, and the first two were confirmed in their appointments at the last Council meeting.

Order : Confirm.

The General Secretary reported that the Council had appointed the following to serve as members on the Advisory Boards of the following medals to be awarded at the Annual Meeting in February, 1944:—

(a) *Barclay Memorial Medal for Medicine or Biology.*

The *ex-officio* members (Biological and Medical Secretaries), Sir U. N. Brahmachari, Dr. S. L. Hora, Dr. S. C. Law, Dr. K. N. Bagchi and the General Secretary.

(b) *Sir William Jones Memorial Medal for Philosophy, Literature and History.*

The *ex-officio* members (Philological and Jt. Phil. Secretaries), Mr. C. W. Gurner, Dr. R. C. Majumdar, Dr. S. K. Chatterji, Prof. M. M. Haq, Dr. S. N. Das-Gupta and the General Secretary.

In accordance with Rule 48(a) the General Secretary reported for information that the Council at their September meeting permitted to have Library closed on Bank holidays during the past Pooja holidays. They permitted this as a special case in view of the abnormal circumstances prevailing in this city though it is in contravention of No. 11 of the 'Regulations regarding leave and late attendance in the office'.

The Chairman called upon Dr. Kalidas Nag to read an obituary notice written by Prof. J. C. Sinha of the Presidency College, of Sir J. C. Coyajee whose death was reported at the last meeting.

The Chairman called upon Dr. Kalidas Nag to read an obituary notice of Lord Meston, an old member of the Society from 1926 to 1931.

The Chairman called upon Dr. Kalidas Nag to read an obituary notice of the late Sir Aurel Stein.

After the reading of these obituary notices, a vote of condolence was passed, all present standing.

The following papers were read:—

1. K. BISWAS.—*Systematic Position of a Common Tree Fern of the Eastern Himalaya with a note on the genus Cyathea.*

Considerable confusion was discovered as regards the correct systematic position of many species of Indian and Burmese ferns and fern allies during the examination of type, co-type and duplicate sheets in Kew, British Museum (Natural History), London, Edinburgh and Calcutta Herbarium. It is high time that the correct determination of the species should be established.

In this paper, the author has dealt with one of the most common tree ferns of the Eastern Himalayas which has been considered by different well-known Pteridologists as three different species if not four. His study has revealed that there exists only one species, namely, *Cyathea spinulosa* Wall, and the rest are mere varieties or different forms which have developed under different ecological conditions. The confusion was evidently due to mainly herbarium work without much reference to the study of the plant in the field at different stages of its growth in different localities in India.

2. M. L. ROONWAL.—*Note on the colour of the iris, of the bare orbital skin around the eyes and of the edges of the eye-lids in the Indian Ring-Dove.*

In 1940 the author furnished the available data on the characteristics of the three subspecies of *Streptopelia decaocto*, namely, *S. d. decaocto* (Frivaldszky) (the Indian Ring-Dove), *S. d. stoliczkae* (Hume) (the Kashgar Ring-Dove), and *S. d. xanthocyclus* (Newman) (the Burmese Ring-Dove).

During a collecting tour in Rajputana in October-November 1941, Dr. B. N. Chopra and the author collected a few Ring-Doves which made it possible for him to observe the colour of the iris, of the bare orbital skin around the eyes and of the edges of the eye-lids in fresh specimens. The following observations were made on a fresh male of *S. d. decaocto* shot near R. Berach at Chittorgarh (Mewar State, Rajputana) on October 8, 1941.

Iris.—The iris was crimson-pink with a very thin outer black ring, the black ring not having been previously described in any of the subspecies.

Naked orbital skin around the eyes.—The colour of the naked orbital skin was *pale grey tinged, in irregular patches, with a distinct bright lemon-yellow*. Hitherto, the yellow tinge has not been recorded in *S. d. decaocto*, but has been considered as characteristic of *S. d. xanthocyclus*.

Edges of the eye-lids.—These were yellowish-white; hitherto only red edges have been recorded.

3. K. P. CHATTOPADHYAY.—*Two Indian Rafts*.

In this note the author describes two new types of rafts. One is a reed raft in use in Northern Bengal and the other is a gourd raft used on the upper reaches of the Jumna in the United Provinces. The paper is illustrated by a photograph of each type of rafts.

4. K. P. CHATTOPADHYAY.—*Bengal coiled Basketry*.

In this paper, the author has endeavoured to treat scientifically the technique of coiled basketry in Bengal. He has found it to be peculiar to Bengal, which is allied to carpentry, as opposed to sewing and weaving that are associated with the ordinary plaited basket-work. The method of pinning adjacent coils can be compared to the fitting together of planks in carvel-built boats. The paper is illustrated by sketches.

5. S. L. HORA and K. S. MISRA.—*On a small Collection of Fish from Iraq*.

A small collection of fish from the Persian Gulf and from the Hors and the rivers Shatt-al-Arab, Tigris and the Euphrates is dealt with. Of the supposed occurrence of about 50 species in these waters, specimens of only 13 were received from Mr. Dimitry D. Belayew, Specialist in Fisheries, Directorate General of Agriculture, Baghdad, Iraq. The material has enabled the authors to amplify the existing descriptions of as many as 9 species, and 2 have been found to be new to science. One of these is a mullet while the other is a kind of perch.

6. KNUT LINDBERG.—*Notes sur quelques Cystocercoides de Crustacés de l'Inde*.

7. KNUT LINDBERG.—*Cyclopoides (Crustacés Copépodes) de l'Inde II. Eucyclops gibsoni (Brady)*.

8. KNUT LINDBERG.—*Un nouveau Cyclopide de l'Inde Halicyclops electus, sp. nov.*

The Chairman announced the result of the ballot for the election of Ordinary Members and declared that all candidates had been duly elected.

The Chairman announced that Discussion meetings would be resumed from Thursday, the 11th November, concerning which notices had already been issued to the members. He drew the attention of the members to these meetings and invited them to be present.

1. Thursday, 11th November, at 5-30 P.M.

Opener: Prof. Eric Dickinson, Punjab University, Lahore.
Subject: Graeco-Buddhist Sculptures.

2. Thursday, 18th November, at 5-30 P.M.

Opener: Dr. W. A. Jenkins, D.Sc., I.E.S., Director of Public Instruction, U.S. Club, Calcutta.
Subject: Educational Ideals, ancient and modern.



DECEMBER

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 6th, at 5-30 P.M.

PRESENT

M. Z. SIDDIQI, Esq., M.A., PH.D., Joint Phil. Secretary
(in the Chair).

Members :

Bhattacharyya, Mr. J. C.	Khaitan, Mr. K. P.
Brown, Mr. Percy	Meyer, Miss S.
Edgley, The Hon'ble Mr. Justice	Mitra, Miss P.
N. G. A.	Nag, Dr. Kalidas
Hag, Khan Sahib M. M.	Rahman, Mr. S. K.
Hobbs, Mr. H.	Sukul, Prof. L.

Visitors :

Bhaduri, Mr. J. L.; Chakravarti, Mr. S.; and Ganguli, Mr. K. K.

At the outset, the Chairman announced that His Excellency the new Viceroy had been pleased to accept the Patronage of the Society.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following 15 presentations of books, which had been kept on the table for inspection:—

1. From the Author: Science, Cause and God by J. B. Freeman, Madras, 1943.
2. From Govt. of Burma: History of the Kachins of the Hukawng Valley by A. T. M. Kawlu Ma Nawng, Bombay, 1941.

3. From the Punjab University: Fauna of Lahore by Nazir Ahmad, Lahore, 1943.

4. From S. N. Dasgupta: Govinda's Kadcha: A Black Forgery by B. V. Dasgupta, Dacca, (n.d.).

5. From the Author: Tribes in Ancient India by B. C. Law, Poona, 1943.

6-11. From the Author: The Growth of Responsibility in Sikhism by Teja Singh, Lahore, 1942; Asa Di Var or Guru Nanak's Ode by Teja Singh, Amritsar, 1924; Maharajah Ranjit Singh by Teja Singh and Ganda Singh, Amritsar, 1939; Sikhism by Teja Singh, Calcutta, 1938; The Psalm of Peace by Teja Singh, Madras, 1938; Banda Singh Bahadur by Ganda Singh, Amritsar, 1935.

12. From Bh. Or. Res. Inst.: Mahabharata, Sabhaparvan, Fasc. 13, ed. by V. S. Sukthankar, Poona, 1943.

13. From University of Calcutta: Sariraka-Mimamsa-Bhasya-Varttika with Vivarna of B. Saraswat, ed. by A. Shastri and A. Bhattacharya, Pt. 1, Asutosh Ser. No. 1, Calcutta, 1942.

14-15. From the Author: Jawahirul 'Ushshaq by S. Ata Husain, Hyderabad, 1362 A.H.; Maktubat Saiyyid Md. Husaini Gisudaraz by S. Ata Husain, Hyderabad, 1362 A.H.

The General Secretary announced that the following candidates would be balloted for election as Ordinary Members:—

(54) *Haidar Khan, Ch. Ghulam*, M.A. (Arabic, Persian and Urdu), D.D., M.D.H., M.A.L.S. (Cairo), 'Mir Munshi', M.P.H.S. (Lahore), M.P.L.G., Lecturer in Persian and Arabic, Baring College; Anarkali, Batala, Punjab.

Proposer: Percy Brown.

Seconder: W. D. West.

(55) *Das, Jyotindra Nath*, Deputy Conservator of Forests, Sadiya, Assam.

Proposer: K. Nag.

Seconder: N. G. A. Edgley.

(56) *Stein, Walter Edward*, D.Sc., G.I.C.E., M.P.S., F.I.C.S., I.O.S., Assistant Civil Engineer Adviser, Directorate-General Munitions Production, 30 Park Street, Calcutta.

Proposer: Sir Cyril Fox.

Seconder: Percy Brown.

(57) *Johnson-Marshall, Percy Edwin Alan*, Dip.Arch., A.R.I.B.A. Capt., R.E. Architect and Planner, c/o Messrs. Grindlay & Co., Ltd., 6 Church Lane, Calcutta.

Proposer: N. G. A. Edgley.

Seconder: Percy Brown.

(58) *Bonnerjee, Miss Sadhana*, Research Scholar, 66 Lansdowne Road, Calcutta.

Proposer: K. Nag.

Seconder: Percy Brown.

(59) *Blakie, Derek Edward Walter*, M.A., Army Officer, c/o The Imperial Bank of India, Bombay.

Proposer: Sir Cyril Fox.

Seconder: S. K. Rahman.

The General Secretary reported that there had been no loss of membership, since the last meeting, either by death or resignation.

The General Secretary reported that the election of

(5) B. Rahman (elected on 5-7-1943)

had become null and void under Rule 9.

The General Secretary reported that there had been no withdrawals of application, since the last meeting.

The General Secretary reported receipt of a gift to the Society from Dr. Bimala Churn Law, member of Council of $3\frac{1}{2}\%$ Govt. Paper to the face value of Rs.8,000 for the institution of a gold medal to be named after him, and another gift of Rs.280 for meeting the cost of the first medal to be awarded at the Annual Meeting in February, 1944. He had also offered to bear the cost of preparing a die for the medal. These gifts had been accepted by the Council who had conveyed thanks to the donor.

The General Secretary reported that, in accordance with Rule 48(a), the Council had adopted a set of regulations regarding the award of the 'Bimala Churn Law Gold' Medal as follows:—

(1) The Gold Medal to the value of Rs.280 shall be awarded every year at the ordinary annual meeting of the Royal Asiatic Society of Bengal in February.

(2) The Medal shall be bestowed on a person who is considered to have made conspicuously important contributions to any one of the following subjects: (a) History, (b) Geography, (c) Philosophy, (d) Religions, (e) Ethnology, (f) Folklore, (g) Fine Arts and Architecture with special reference to India from the earliest time down to the thirteenth century A.D., and (h) Bengali language, literature and philology.

(3) The Council shall at a meeting in September appoint an Advisory Board consisting of not less than three members and the donor during his lifetime.

(4) The Advisory Board shall be termed 'The Bimala Churn Law Gold Medal Advisory Board' and shall include the Philological Secretary. The Board shall appoint a Chairman from amongst its members who shall have a casting vote (in addition to his own vote) in the event of the number of votes being equally divided.

(5) The General Secretary shall call a meeting of the Advisory Board in the first week of December every year, at the same time requesting the members to bring with them to the meeting the detailed statements of the work or attainments of such candidates as they may wish to propose. The General Secretary shall also place before the Board for consideration detailed statements of the work or attainments of any other candidate submitted by a Fellow of the Society. The Board after due consideration shall make the selection of a name to be submitted to the Council at its December meeting. The Council may for specified reasons request the Board to re-consider their decision but shall not be competent to substitute another name for the one already recommended by the Board.

(6) If in any year a deserving candidate is not available, the Board shall abstain from the selection of any name to be submitted to the Council and no medal shall be awarded for the year. But the interest on the Fund should continue to accumulate and should be utilized in a subsequent year in awarding two medals to two suitable candidates, if available.

(7) The name or names of the medallist or medallists shall be printed in the Calcutta Gazette as well as in the Society's Year-Book.

The General Secretary reported that, in accordance with Nos. 3 and 4 of the Regulations regarding the award of the

said medal, the Council had appointed an Advisory Board consisting of the following members:—

Dr. N. Dutt (Philological Secretary), *ex-officio*.
The President.
Dr. R. C. Majumdar and the Donor.

The Chairman announced that, in accordance with Rules 2c and 13, Council recommended for election as Associate Members of the Society of—

1. Basanta Ranjan Roy, and
2. Rev. F. A. Peter.

The Chairman called upon the General Secretary to state the grounds on which the recommendations had been made, and he stated as follows:—

‘Mr. Roy is one of our foremost scholars of early Bengali. He was for many years in charge of MS. Library of the Bangiya Sahitya Parishad, and subsequently he became Lecturer in the Dept. of Bengali in the University of Calcutta from which office he retired some years ago. Mr. Roy is well-known as the discoverer and editor of our oldest middle Bengali text, the Sri-Krisna-Kirttana of Bodu Chandidasa, a work comparable in linguistic and literary importance to the works of Chaucer in English, and his edition is one of the best examples of how an old text should be edited. Since his retirement from the University, Mr. Roy is continuing his interest in Early Bengali and allied studies, and is working at a Dictionary of Early Bengali. An Associate Membership of the Society will be a very great help for this fine old scholar who will appreciate very much the facilities to consult the Library.

Rev. F. A. Peter is not unknown to us—we published some time ago in our Journal an important paper by him on Tibetan Lamaistic Iconography. Mr. Peter is Swiss by nationality and is from Zurich, and formerly he was connected with the Moravian Mission in Ladakh, like the late Dr. Francke, the Tibetanist, so long associated with the Society. He is now in the Canadian Mission, and is posted at Palampore in Kangra district in the Punjab. Mr. Peter is a Tibetanist and besides is a very good artist, and if he can be associated with us, the Tibetan side of our research activities will be greatly strengthened.’

The General Secretary reported that, in accordance with Rule 48(a), the Council since the last Ordinary Monthly Meeting considered certain proposals regarding Discussion meetings contained in the note of the Hon’ble Mr. Justice N. G. A. Edgley, Chairman of the Programme Committee, dated 2-9-1943, based on the suggestions made in Sir Cyril Fox’s letter, dated 29-8-1943, and had accepted the following proposals:—

1. That weekly Discussion meetings be held at 6-30 P.M., instead of fortnightly meetings at 5-30 P.M.

2. That if anybody wants tea, he should give two days' notice to the Superintendent.

3. That the military authorities will ordinarily be asked to provide two speakers every month, the other speakers being arranged as before by the Programme Committee.

4. That it must of course be understood that the subjects chosen for the meetings should not be such as are likely to involve any political or religious controversy.

5. That ordinarily the opener's speech should not exceed half an hour except in the case of subjects illustrated by lantern-slides when the duration should not ordinarily exceed 50 minutes.

6. That steps should be taken to give adequate publicity to this branch of the Society's work. Posters should be placed at the gate of the Society and at such other places as may be approved by the Programme Committee.

7. That the military authorities should again be informed that members of the Allied Forces stationed in and in the vicinity of Calcutta are welcome to make use of the Society's Library during the regular office hours.

8. That further lists of such members of the Society who will be prepared to meet the officers and men of the army be printed and circulated to the various units in Calcutta.

9. That a special effort should be made by the Programme Committee to secure speakers (both military and civilian) who will be able to speak on interesting and attractive subjects of general interest.

Order: Confirm.

The General Secretary reported that, in accordance with Rule 57(g), the Council since the last Ordinary Monthly Meeting had received from the National Institute of Sciences of India a report of the Proceedings of the Symposium on 'Post-war Organization of Scientific Research in India' held under the auspices of the Institute in Calcutta and considered certain resolutions adopted at the meeting with regard to the formation of a National Research Council in India which they had forwarded for opinion. The Council approved generally the resolutions of the symposium reading, as follows:—

I. The Council of the National Institute of Sciences of India be authorized to take necessary steps for the organization of a National Research Council constituted under the statutory authority of the Govt. of India. The National Research Council shall be directly responsible to the Government and have the following functions:—

- (a) To plan the main lines of scientific work in accordance with national needs, to formulate schemes for the above purposes, to review and modify the same whenever necessary and to recommend ways and means for implementing the results accomplished.
- (b) To ensure balanced development of all branches of Science, and minimize overlapping.
- (c) To advise and help relevant authorities regarding the training and supply of scientific personnel for pure and applied research.

CONSTITUTION.

National Research Council.

The National Research Council shall consist of scientific and technical experts not exceeding 60 in number, the majority of whom shall be

elected by non-official scientific organizations, including Universities and institutions of University rank, the remaining number being nominated by the Government of India from among the scientific and technical experts. The President of the National Research Council shall be nominated by the Government of India from among the members. A Vice-President shall be elected by the National Research Council from among its members. A whole-time salaried Secretary shall be appointed by the National Research Council for carrying on its work, who will be a member of the Council.

Governing Body of the National Research Council.

There shall be a Governing Body of the National Research Council which shall consist of the following:—

The President and Vice-President of the National Research Council, and the Chairman and Vice-Chairman of each of the Boards.

Boards of Research.

For the performance of its functions the National Research Council shall constitute the following Boards of Research from among its own members, each of which will be responsible, within its own particular sphere, for giving effect to the policy of the National Research Council:—

1. Board of Scientific Research,
2. Board of Agricultural Research (Soils, Crops and Animal Husbandry),
3. Board of Medical and Public Health Research,
4. Board of Engineering Research,

and such other Boards as may be considered to be necessary.

The maximum number of members of each of the Boards of Research shall be 50. The National Research Council shall appoint the Chairman and Vice-Chairman for each Board and shall co-opt eminent scientific workers in different branches in consultation with non-official scientific organizations, Universities and institutions of University rank, scientific departments of the Government and Federations of Chambers of Commerce.

Research Committees.

For the performance of its work, each Board will be authorized to constitute Research Committees for all important subjects, to settle the objectives of research, indicate the individuals or organizations which could undertake the several component parts of the enquiry, receive and co-ordinate the resulting information, make it available to those who will turn it to advantage and to form a national plan into which all those who are in a position to contribute information can fit the particular lines of research. Governing Bodies of National Research Laboratories, when established, shall be constituted in consultation with the relevant Research Committees.

II. The Government of India be requested to form development corporations for the performance of functions analogous to those performed by the Research Enterprises, Ltd. in Canada. The National Research Council shall be represented on the Governing Bodies of the development corporations.

III. To enable effect being given to the policy of scientific development determined by the National Research Council, the Government of India should make an annual grant of five crores of rupees per annum.

The General Secretary also reported that the Council had nominated Dr. S. P. Agharkar, Dr. M. N. Saha and Dr. R. C.

Majumdar to represent the Society at the next Symposium of the Institute which would be held in Delhi.

The General Secretary also reported that the Council had nominated Dr. R. C. Majumdar to represent the Society at the All-India Oriental Conference and the Indian History Congress which would be held at Benares Hindu University and at the Muslim University, Aligarh respectively, in December, 1943.

The Chairman called upon Dr. Kalidas Nag to read an obituary notice of the late Mr. K. C. De, C.I.E., I.C.S., written by Mr. L. R. Fawcett, C.I.E., I.C.S.

The following papers were read:—

1. MUKUNDAMURARI CHAKRAVARTY and AMIYA BHUSAN KAR.—*Observations on two Coccidia Eimeria trionyxae n.sp. and Eimeria triangularis n.sp., from the Intestine of the Turtle Trionyx gangeticus Cuv.*

The coccidian parasites described in this paper are supposed to be new to science as they do not resemble any known species of *Eimeria* so far discovered, and till now no other coccidian parasite has been reported to have been found in the turtle *Trionyx gangeticus*. The authors have named these two new parasites *Eimeria trionyxae* and *Eimeria triangularis* after the host and shape of the oocyst respectively. The paper is illustrated by text-figures, together with detailed descriptions and diagnoses of the two species.

2. JNANENDRA LAL BHADURI and KRISHNA CHANDRA GHOSE.—*Notes on the dorso-lumbar Veins in the common Indian Toad Bufo melanostictus Schneider.*

In this paper the authors have studied the numerical variation in the dorso-lumbar veins of the common Indian toad *Bufo melanostictus*. It is shown by statistical analysis that the range, two to three vessels, is the most commonly occurring feature. Further, a comparison of the dorso-lumbar veins of the described examples, belonging to the genera *Rana*, *Hyla* and *Xenopus*, with those of *Bufo* is made to indicate the lines of their apparent specialization. Evidence of the origin of numerical variability of the dorso-lumbar veins can be adduced from Gaupp's account of the development of the renal-portal system.

3. D. H. GORDON —*Hellenism in North-west India.*

In this paper, the author reopens the whole question of Indian Hellenism as well as of the specific contribution of the Greeks to Indian art. He closely examines the theory of W. W. Tarn in his book 'Greeks in Bactria and India'. He also points out that there is a strong similarity between terracottas of

hellenistic style found in Gandhara and those found in Selucia, and he comes to the conclusion that the hellenistic characteristics found on the Graeco-Buddhist art objects were not produced by any specially imported artists or craftsmen but were part of widespread art influences throughout the Middle East as the inevitable consequence of the hellenistic dynasties set up as a result of Alexander's conquest. The paper compels a thorough revision in the matter of dating the Gandhara sculptures.

The following exhibit was shown and commented upon:—

1. MAHFUZ-UL HAQ.—*Fragment of the original illustrated Persian Translation of the Kathā Sarit Sāgara (or, The Ocean of the Streams of Story) made at the instance of the Emperor Akbar.*

Among the Sanskrit works translated at the instance of the Emperor Akbar was the famous *Kathā Sarit Sāgara*. Mullā 'Abd-ul Qādir Badāyūni, who was entrusted with the work in 1003/1595, gives certain details about the circumstances in which he undertook the translation, in his *Muntakhab-ut-Tawārīkh* (English Translation, vol. ii, pp. 415-16). A modern copy of the Persian translation, transcribed for Mr. Richard Johnson, is in the India Office Library (Ethé, No. 1987). Mr. A. C. Ardeshir of Poona has acquired 19 miniatures from the original Akbar manuscripts.

Photographs of the text and the paintings were exhibited.

The Chairman announced the result of the ballot for the election of Ordinary Members and declared that the candidates had been duly elected.

The Chairman drew attention of the members to the next Discussion meeting on Thursday, the 16th December, at 6-30 P.M. when Mr. M. A. F. Hirtzel, O.B.E., M.A. (Oxon), would speak on 'The River Systems of Bengal' and invited the members to attend it.

President and Fellows of Harvard College, Harvard University, Cambridge, Massachusetts, sent the following message on the occasion of the Society's 160th Jubilee :

The President and Fellows of Harvard College have learned with great pleasure of the celebration of the One Hundred and Sixtieth Anniversary of the founding of the Royal Asiatic Society of Bengal.

We wish to convey the congratulations of Harvard University on this important occasion, and we beg you to accept our best wishes that the future of the Society may equal its past in distinction.

(Received on May 11, 1944.)

OBITUARY NOTICES

THE LATE MARI ALBERT JOHAN VAN MANEN.

Born: Nijmegen, Holland, 16th April, 1877.

As a youth he was not exactly a symbol of virtue.

On the contrary, he gave his parents and teachers a lot of trouble.

In their native town he and also his brothers had the reputation of giving vent profusively to their impulsive natures. Whatever about Van Manen's boyish ways and conduct, his mind was active enough. Instead of concentrating on school work, he often was found with the Koran, the Holy books of the Chinese and other reading of this kind.

As a youngster he already became the Editor of a philatelic Magazine. He also belonged to the regular visitors of the 'Haarlem Library'. The then Librarian, Mr. J. W. Enschede, influenced Van Manen's future life considerably.

Already in this period Van Manen was of the parties of young artists and thinkers of very advanced policy. Actually Van Manen, for the rest of his life, remained a Bohemian.

Later on we find him as a reporter connected with a well-known Daily in Holland. But soon he realizes his shortcomings. He left the newspaper's office and started reading very intensively Latin and Greek.

Then Theosophy, its principles and tenets, takes his fancy. He started a thorough study of this Dogma and soon was invited to translate into the Netherlands language Mrs. Blavatsky's famous book 'The Secret Doctrine'.

Van Manen found in the theosophical world a calling and a career. His linguistic talents paved the way for exploring folklore of ancient peoples.

Is it surprising that Van Manen was drawn to India, India, a fountain of mystic philosophy, ancient religions, wisdom and mysteries?

He arrived in the country of his fancy in February, 1899.

From 1909-1916 he was acting as second librarian and during the war as librarian of the Adyar Library, Madras (privately, not officially).

He lived in Ghoom (near Darjeeling) from the year 1916-1918 (2½) for the purpose of studying the Tibetan language.

In the year 1918 he was invited by the British-Indian Government to be one of the active members of the All-India Library Conference at Lahore.

During the years 1918-1921 he was invited by the British-Indian Government to accept the post of Librarian of the Imperial Library, Calcutta.

He accepted in the year 1922 an invitation, which made him an Assistant in charge of the Anthropological Section of the Indian Museum, Calcutta, for the purpose of re-arranging the Tibetan collections of 1923 up till date; became a member of the Senate of the Calcutta University.

He acted as General Secretary of the Asiatic Society of Bengal from 1923-1939, which Society, under his Secretaryship, received the Epithet Royal from the King of England after her 150 years' existence.

He was Editor of the year Issues of the Journal and Proceedings of the Royal Asiatic Society of Bengal from 1923-1939.

Was Editor of the Memoirs of Id from 1923-1939. In the same time-space acted as Editor of the Bibliotheca Indica (series of articles, written in Oriental languages: Sanskrit, Persian, Arabic, Tibetan, etc. etc.). In this time he was also Managing Secretary of the Indian Science Congress Association and Editor of their Proceedings.

He was working in the Censor-office of Calcutta from 1939 until the moment of his death.

C. E. VAN AKEN.

Read on 5-4-1943.

JOHAN VAN MANEN.

DISTINCTIONS:

Officer de la Couronne (Belgium), 1926.

Companion of the Indian Empire (Gr. Britain), 1930.

Officer de l'Instruction Publique (France), 1934.

Officer Orange Nassau (Netherlands), 1937.

My own testimony to his greatness of intellect must be brief. Better read than anyone in the antiquities of the country, he possessed a cheerful, facile humour, keen and refined, that informed the whole man.

It must be admitted that many of the papers read here are badly delivered and boring to the last degree, but, full of philosophical toleration he attached no importance to his own knowledge, for I never saw nor heard a trace of superiority or unkindness in his comments.

When he rose to sum up points discussed, his comments were as clear as crystal, as complete as a circle, and as amusing as a novel. There was nothing he did not adorn, and I regret not having preserved more vestiges of the grace of his conversation. He possessed little eccentricities of thought and tempera-

ment which seemed to separate him from the rest of the world and he will cling to the memory of members of this Society like a figure in a dream.

A lovable character, full of charity of heart and pocket, he was often preyed upon without that arousing resentment, and it might be said that he was

Magnificently unprepared
For the littleness of life.

H. HOBBS.

Read on 5-4-1943.

JOHAN VAN MANEN.

A Note.

Johan van Manen was, as everyone who knew him would agree, a most remarkable man: remarkable in many ways. Speaking for myself, I found him to be in several directions one of the best-read men I have met. Had he cared to set himself the task of contributing to some one branch of knowledge by means of an actual book, I believe he might have written a valuable treatise in the domain of Comparative Religion. He was well equipped for such a task, and certainly would have regarded it from an unusual angle. Most of those who have devoted thought to that subject would seem to have approached it from the anthropological standpoint. William James dealt with yet another aspect of it in his *Varieties of Religious Experience*. Van Manen, who was deeply versed in the literature of the subject, leaned, by reason of his own special 'make-up' to whatever emerged in the form of efflorescence of religious 'ideas'. By reason of that special make-up he would have produced something of originality in the field I allude to.

Most people who came across him in the course of his more recent employment will have been struck by his talents as a linguist. He was what I call a *natural* linguist. There are many linguists—professed linguists—some of distinction even, who had not anything like van Manen's natural talents.

Written by Col. Barwell.

A student of language he was; but those studies might have availed him little had he not possessed a quite extraordinary talent for interpreting the speech of Man. He read, wrote, and spoke with fluency several European languages besides his own mother tongue. In matter of pronunciation he fell short of what others attain whose ears are more attuned to musical sounds and who are thus more apt at mimicing their fellow

creatures. But the basic forms on which a language is built, its grammatical structure, the idiomatic phraseology which characterizes a language in the age of its advancement, presented no difficulties to him. He could read Latin well and had more than the average college student's knowledge of Greek. He was not wholly unacquainted with Russian. As to Oriental studies he was not and never pretended to be a Sanskritist in the accepted sense; but he knew the character and structure of that important language and to nearly the same extent the corresponding features of Tamil and of the kindred languages of South India. He was for more reasons than one drawn to the languages of China, and had some acquaintance with its more classical modes of expression. He would not, however, have for a moment pretended to scholarship in the Chinese sense of that word. But he loved what he had succeeded in extracting, albeit through the medium of translation, from Chinese literature; and he was particularly interested in the philosophy—if the expression be permitted—associated with the name of Lae Tze. Himself a keen and observant student of the ordinary man, van Manen combined a zest for cynicism when the same was clothed in the garments of wit and humour, with a profound capacity for affection strong enough to be described by the word love. In the records of Chinese thought throughout the long ages which have distinguished Chinese culture and civilization he found a very great deal which stimulated this dual reaction to manifestation of human sympathy and to the expression of human wit and wisdom.

It was, I think, this duality in his make-up which prevented van Manen from remaining an orthodox Christian. Before he reached middle life his appreciation of the mysterious forces which seem at once to surround and permeate mankind led him towards one of the most recent forms in which the religious sense had manifested itself—Theosophy. The cult had then but recently been much advertised by the notoriety which surrounded the late Madame Blavatsky and the late Colonel Olcott in respect of their claims to special forms of so-called 'occult' power. Van Manen, however, was led to make some study of Theosophy which was the same as then being expounded by Mrs. Annie Besant. Desiring greater practical acquaintance with its methods of approach to everyday problems, van Manen joined Mrs. Besant and her followers in their well-known settlement at Adyar near Madras. Amongst them van Manen lived for several years and may be said, incidentally, to have borne some part in the gradual evolution of the present offshoot from that school, associated with the name of Krishnamurti. Had he been minded, at the point of death, to make some confession of Faith he might have been heard to say, I think, that he regarded Krishnamurti as probably nearer than is any other living person to the ability for setting forth a system—not perhaps a philosophy—capable of guiding the ordinary man and

woman nearer than such persons have yet come to by other means towards ultimate spiritual truth.

In late years when his work had for long lain in other directions—namely, in more active work in the world than was possible for him at Adyar, and during the period when he had become most closely associated with the Asiatic Society of Bengal, he evinced a growing interest in Tibetan lore and language. I think, however, it was the Chinese influence on Tibet which had drawn him towards these later studies.

During the last ten years of his life van Manen came across an orphaned Chinese child, a boy who had passed his infancy on the fringe of Tibet—the Indo-Tibetan border. He seemed to find in this child many of those special qualities which from afar he himself had admired in the race from which the boy had sprung. Van Manen's capacity for understanding the human mind and heart soon enabled him to overcome those difficulties which to a man less endowed would have prevented the relations between these two developing into anything beyond the ordinary ties of master and servant. Van Manen, however, set himself to draw out every experience between infancy and the dawn of adolescence which this boy could recall and describe; and in the direction of psychological reactions as displayed in this child's life story van Manen believed himself to have obtained results which seemed to him of permanent value. The boy's slowly but carefully told narrative passed from one language into another and finally into English. It now covers several closely-typed volumes and is illustrated by the young man's own drawings. It is said that an American publisher had already promised to give it the light of day.

To sum up, van Manen was not what the ordinary academician calls a 'Scholar'. On the other hand he was beyond question a very learned man. His learning had come to him not from the School, but had been acquired in the business of feeding an abundant curiosity as to the nature of truth. To him the acquisition of knowledge in any form was of inestimable value; its advancement something of inescapable concern to us all. He was so modest as to claim for himself very little either in terms of acquisition or towards the common task of advancement for others. But those who really knew him may justly say that in both directions his personal labours achieved more than we shall ever be able to record. That modesty of which I speak has defeated us.

At the risk of writing something anti-climaxical I cannot withhold some expression of my regard for van Manen as a man. I knew him very intimately. Even the barest acquaintance could see how naturally friendly he was, and how much his approach to his everyday tasks was informed by a desire to help

others in need of that help. His private charities were ridiculously disproportionate to his means; and in cases of an appeal to the heart he was very frequently grossly deceived; but he was never consequentially embittered, for Pity was always at hand to play the advocate with him and to excuse the cheat. It was far less easy, however, to deceive him in other fields. He was not impressed by the naked insignia of academic success. He was quick to perceive the charlatan, however strongly such a one might have been recommended to his notice as a person otherwise distinguished, and he heartily despised those who used a university or a society such as ours less for the advance of learning than for the advancement of self. The fact that he made no secret of these sentiments brought him enemies. But his own capacity for friendship was such as gave him the means of an inward happiness which more than counterbalanced all this. I doubt, indeed, if anyone among us has more markedly deserved a corresponding loyalty from his friends.

Sd. NOEL BARWELL.

Read on 5-4-1943.

SIR NILRATAN SIRCAR (1861-1943).

Sir Nilratan's death at the age of 82, removes an outstanding figure in the medical and educational world and in the public life of India. He was the acknowledged leader of the medical profession in India for over half a century.

He was born in 1861 in a humble but respectable family at Netra near Diamond Harbour in the district of 24-Pargannas in Bengal. He had his school education at the Joynagar (24-Pargannas) H.E. School from where he was made to appear at the Entrance examination from the Preparatory class in 1876, in order to maintain the affiliation of the school to the University. In his school days, he was a resourceful, sprightly and brilliant child. His circumstances at the time did not permit him to secure higher University education and he was compelled to seek admission into the Campbell Medical, from where he passed out, after a brilliant career in 1880. It is said that he showed marked skill in mechanical engineering in his boyhood and everyone thought that he would choose an Engineering career in further education but the long-suffering disease to which his mother succumbed while he was about to appear at the Entrance examination led him to choose the medical career.

Not being satisfied with this performance, he passed the First Arts examination and graduated in 1884.

After a short interval during which he worked as the Head Master of a school, he entered the Calcutta Medical College in 1885 and passed out in 1888 with brilliant records. While in

the senior classes of the Medical College, his unquenchable thirst for knowledge led to the publication of an erudite paper on Infantile Biliary cirrhosis in the then best medical journal, the Indian Medical Gazette (1887). During 1888-1889, he acted as a House Surgeon of the Chandney and Mayo Hospitals. While engaged in such onerous duties, he could find time and energy to take the M.A. in 1889 and M.D. of the Calcutta University in 1890. Apart from his alertness of intelligence, he possessed a remarkably good memory.

He settled down in practice in 1890 and from then onwards he had a meteoric rise in the profession and public life of the country by dint of sheer merit, honesty of purpose and high character. He has had a rich and eventful life since then. He became a *Brahmo* in 1884 and married in 1888.

When he started the professional life, the European members of the Indian Medical Service led the profession, but in Sir Nilratan's life-time the initiative and leadership had already passed, chiefly through him, into Indian hands, and leading Indian doctors began to command higher fees than their European colleagues. He set high ethical standards in the practice of his profession which will serve as a beaconlight for the future generations. He was an efficient and popular teacher. Physiology and cardiology were two of his favourite subjects. He had a large library of medical and allied sciences and had an up-to-date electrical and recording machinery for the investigation of heart diseases.

He entered the Calcutta University as an elected Fellow in 1893, worked as its Vice-Chancellor from 1917-19 and was rewarded with a knighthood in 1917. He was the Dean of the Faculty of Medicine from 1939-41, of the Faculty of Science from 1933-39, President of the Council of Post-graduate Teaching in Arts from 1924-27 and in Science from 1924-42 and thus devoted his energies not only to the spread of medical education but also of general education. In 1920, he went as a delegate of the Calcutta University to the Empire Universities Congress at London and was honoured with the degree of D.C.L. of the University of Oxford and of LL.D. of the Edinburgh University. He took an active interest in the Student Welfare section of the Calcutta University. His own *alma mater* honoured him with the degree of D.Sc. in the year 1941. The University of Calcutta is to be congratulated in commemorating his memory by naming the University Chair of Zoology after him.

He strove hard for the development of scientific and industrial education in the country. His mature views on the subject are contained in his Convocation Address at the Andhra University delivered on the 7th October, 1939, shortly before his health began to decline. He expressed the view therein that a

national system of education should make use of three main methods, viz. the literary curriculum, the scientific curriculum and the technical curriculum and that each of these curricula should include the other two.

In other words, education should turn out the pupil with something he knew well and something he could do well. He expressed the view that research was the sap of the plant of science and that every teaching institution must encourage research work among its teachers and students.

This spirit of his has been perpetuated by his admirers and professional brethren by the establishment of a Research Institute named after him at the Carmichael Medical College in 1940. He was also associated with the late Sir Ashutosh Mookerjee in the establishment of the University College of Science, and of the National Council of Education and the College of Technology and Engineering at Jadabpur. He was also a Trustee of the Indian Museum for some time. In fact, he had helped with his advice and guidance every institution intended for the uplift of humanity.

He was one of the founders of the College of Physicians and Surgeons and later on the Carmichael Medical College, which is the first non-official University-grade Medical College in India. The affiliation of this College to the University of Calcutta was due no doubt to the quality of the staff and the equipment it possessed but also to the great influence which Sir Nilratan had with Lord Carmichael, the then Governor of Bengal, which was responsible for overcoming the opposition of the Indian Medical Service to the recognition of non-official medical colleges in India.

The following extract from the Centenary Volume of the Calcutta Medical College (1935) will furnish the story of non-official efforts to modernize western medical science in which Sir Nilratan Sircar took a prominent part:—

‘The publication of vernacular text-books and periodicals and the need for doctors in rural areas, and in tea gardens stimulated the beginning of several non-official medical schools in Calcutta about the year 1888-89. A vernacular medical school, called the Calcutta Medical School, was started about 1888-89 on the grounds now occupied by the Mechua Bazar Tram Depot. Shortly afterwards, an English section, called the College of Physicians and Surgeons of Bengal, was started on the grounds now occupied by the Brahmo Girls’ School. The vernacular School was transferred to Belgachia in 1903, a Hospital being attached to it, called the Albert Victor Hospital (1899-1902). About 1911, these two institutions were amalgamated and later on affiliated to the Calcutta University under the name of the Carmichael Medical College and Hospital (1915-16).’

When Sir Nilratan Sircar started his career, the modernization of the western medical science had just begun with the epoch-making discoveries of Pasteur, Lister and Koch. From then on up to the present day, enormous advances in every branch of the medical science have taken place. It is not a small achievement for a man to adjust his ideas to successive rapid advances in science in his own life-time and this Sir Nilratan carried to perfection. He was deeply read not only in the medical and allied sciences, but also in geology, literature, philosophy and religion.

He was opposed to the perpetuation of the Ayurvedic, Unani and Homeopathic systems as such, without the application of the basic sciences, as he pointed out that the basic sciences of chemistry, physics, biology, physiology, pharmacology, pathology and bacteriology were the same all over the world. He wanted to see one medical science which had been worked out by the scientists all over the world, incorporating however into it whatever good that might be proved correct in the indigenous medical sciences in the country.

He wanted to see a public health orientation to the present medical education and sociology being taught in theory and practice in the medical institutions. These, he thought, would supply a student with a proper outlook about his responsibilities to the community without which he was likely to be a misfit.

He was an exponent, along with many notable thinkers of his time, of the use of the mother tongue as the medium of instruction, in place of the English language.

He was very keen to see military training being given to University students as he thought that no autonomy or self-government could be real so long as the people concerned were not able to defend their country and their liberty against hostile assault and encroachment.

Sir Nilratan presided over the deliberations of the All-India Medical Conference once in 1918 and again in 1932. Until recently he was the Editor-in-Chief of the Journal of the Indian Medical Association and President of various hospitals, craft associations and academic bodies. His relations with professional brethren had always been most cordial and honourable.

He upheld all that was good and noble in the profession and in private life. Nobody had seen him lose his temper. His general temperament and readiness to place his services and erudition in the cause of all that is good and noble accounted for his wide popularity. Although a great physician, he was extraordinarily efficient in nursing and cooking, including invalid dietary.

Sir Nīratan was a great industrialist and encouraged, patronized and sponsored several industrial enterprises, such as tanning, soap-making, tea and pharmaceutical industry. In fact, he was one of the pioneers in the early industrialization of Bengal. He was not actuated by the profit motive in these ventures and had actually lost large sums of money at times in order to initiate his countrymen into industrial undertakings. His services to the distressed, the ailing and the suffering were not confined to the bedside but his sympathy extended to the dumb millions of the country.

His charities were manifold and the left hand did not know what the right hand gave. There are many scholars in India and abroad today who had received help from him for the prosecution of studies in India and abroad.

He was an ardent patriot and selfless nationalist. He never wanted to be in the limelight. He was a member of the old Bengal Legislative Council from 1912-1927.

His life was one of childlike simplicity, with varied interests which are not commonly met with. Very few people know that he was a good carpenter, a good designer, a good cook and a good nurse and that he took great delight in reciting the ancient folk-lore and folk songs of Bengal. His innate humility arose out of an ardent faith in living religion, which he practised. He believed in the Fatherhood of God and the Brotherhood of man. He presided at more than one religious conference. While presiding at the All-India Theistic Conference he declared: 'No form of religion has any life value today which fails to yield a living inspiration and social service, more especially the service of the lowly and the overburdened, the afflicted, the downcast, the oppressed and the fallen: and devotional religion in our Samajes, if it be not a more luxurious sensation, must go out among the depressed classes in living humility and patient life-giving service.' He himself lived this life. His richly strengthened religious life must have been the fountain-spring of his exceptionally composed nature, in presence of the difficulties and dangers with which he was confronted from time to time. Very few people know that he was deeply read in the religious philosophies and was well versed in Sanskrit literature. One can get a glimpse of his erudition from the first two pages of his Convocation Address at the Andhra University, delivered on the 7th October, 1939.

He has been a member of the Royal Asiatic Society of Bengal from 1924 till his death. It is in the fitness of things that the Society devotes its meeting on the 7th of June, 1943 (today) to condole the death of one of its distinguished and noble members.

A. C. UKIL.

Read on 7-6-1943.

SIR CHHAJURAM CHOWDHRY.

With the passing away of Sir Chhajuram Chowdhry on the 7th April, 1943, at his Calcutta residence, India has lost one of her great sons. Born in the year 1860 of poor Jat parents in a small village in the District of Hissar, Punjab, he rose by sheer force of his character, strict honesty, dogged perseverance and unfailing energy to be one of the commercial magnates of Calcutta.

After studying up to the Matriculation standard in the Government High School, Rewari, he came at an early age to Calcutta. He began his career as an ordinary clerk with Messrs. Hoare Miller & Co., Ltd. and after serving with them for two years he gave up the job and started business as a broker in the Hessian Market. The jute industry had just started. He was destined to take a big part in it. Having come in contact with the pioneers of the jute industry he soon built up his fortune. But every farthing of his earnings he spent to help his countrymen at the great famine of 1899-1900.

Fortune again favoured the noble heart and he flourished in business. Though he had many ups and downs in his life, his honesty of character always won for him influential friends like the late Sir David Yule. His worth was so highly appreciated in the business circle that he was taken on the Board of Directors of several Companies, both Indian and European, e.g. Belvedere Jute Mills Co. Ltd., Budge Budge Jute Mills Co. Ltd., Orient Jute Mills Co. Ltd., New Central Jute Mills Co. Ltd., Cheviot Mills Co. Ltd., Standard Jute Co. Ltd., Union Jute Co. Ltd., Bokaro & Ramgur Ltd., Birla Jute Mfg. Co. Ltd., Concord of India Insurance Co. Ltd., Mahabir Insurance Co. Ltd., Deoria Sugar Mills, Mohini Sugar Mills, Rawanwara Collieries, Eastern Syndicate Ltd., Shree Gopal Paper Mills Ltd., Unao Distilleries Ltd., Karam Chand Thapar & Bros. Ltd., Karam Chand Thapar & Sons Ltd., and Indian Steel & Wire Products, Ltd. He was one of those responsible for the inauguration of the Gunny Trades Association, of which he became President later, to look after the interests of the Indian Gunny Brokers and Merchants.

His chief claim to our remembrance, however, lies, not in Sir Chhajuram's wealth, but in the way in which he used that wealth. His catholic and generous heart made him open his purse strings to all communities, Hindu, Christian and Mahomedan alike. Arya Somaj institutions and Jat institutions all over India are indebted to him. The Schools and Hospitals he had started in the Punjab are other standing monuments of his generosity. He was made a C.I.E. in 1925 and knighted in 1931. No one who came in contact with him can ever forget his lovable personality. He was so simple and unostentatious that every one had easy access to him and to his

purse. His long life of 83 years was really a boon to his countrymen and his death is mourned by all.

S. C. LAW.

Read on 7-6-1943.

T. B. JAMESON.

By the death of Mr. T. B. Jameson, C.I.E., M.C., I.C.S., the Royal Asiatic Society of Bengal has lost a member who in addition to his personal interests in many branches of learning and science, had made his mark both as a judicial officer and an administrator of outstanding ability. As is well known to many of us in Bengal, he had to bear a large share of the responsibility for the administration of the district and subsequently the Division of Chittagong at a time when they were under apparently imminent threat of Japanese invasion, and the fact that he never spared himself in the arduous and responsible duties thus falling upon him may well have contributed to his fatal illness.

After serving throughout the last war in the British Army, during which period he was awarded the Military Cross, he joined the Indian Civil Service in 1921 and from then onwards till the time of his death filled a number of Executive and Judicial posts in Bengal; he became a member of our Society towards the end of 1926 and during the time when he was resident in Calcutta frequently attended its meetings, evincing keen interest in the discussions which took place.

During his periods of district work he developed interests in the countryside and village life of Bengal which combined with his marked literary bent might well have found expression in a lasting form had he been spared to enjoy the requisite leisure.

L. R. FAWCUS.

Read on 5-7-1943.

SIR BRYCE CUDLEIGH BURT, KT.

This meeting of the Royal Asiatic Society of Bengal records its deep sense of sorrow and loss at the death in England of Sir Bryce Burt, Vice-Chairman of the Imperial Council of Agricultural Research for many years, first president of the Indian Central Jute Committee and one associated with numerous learned societies and institutions.

The number of those who can claim the same share of credit of effective contribution to the development of Indian Agriculture as the late Sir Bryce Burt is very limited.

He graduated with first Honours from the University College, London, in 1901 and was for some time Assistant Lecturer in Chemistry of the Liverpool University. He was Assistant

Government Chemist and Lecturer of Tropical Agriculture, Trinidad, before coming to India in 1908 from which time till his retirement in 1939 he has served Indian Agriculture in numerous capacities. He filled successively the offices of Deputy Director of Agriculture, Cawnpore, from 1908-1921; first Secretary of the Indian Central Cotton Committee from 1921 to 1928; and Director of Agriculture in Bihar and Orissa from 1928 to 1929. So when the Imperial Council of Agricultural Research was created and started its most useful career he could bring to bear since its inception his ripe experience in the discharge of the duties of his new office of Agricultural Expert to the Imperial Council which he held from 1929 to 1935. Sir T. Vijayaraghavachariar, the first Vice-Chairman of the Imperial Council of Agricultural Research, and Sir Bryce C. Burt (then Mr. B. C. Burt) were mainly responsible for building up this important organization in its early stages. And when in 1935 he succeeded Sir Vijayaraghavachariar as Vice-Chairman of the Council he continued to direct its development and by the time he retired in 1939 the Council got itself established on its feet. As Vice-Chairman of the Imperial Council of Agricultural Research he was *ex-officio* chairman of several 'daughter' institutions, viz., the Indian Central Jute Committee, the Indian Central Cotton Committee, the Indian Lac Cess Committee and the Indian Coffee Cess Committee. He served all of them with great devotion, energy and distinction. Indian agricultural interests and agricultural research in particular had no doubt lost their great champion at the demise of Sir Bryce C. Burt.

The writer has personal reasons to remember him as a friend and comrade in science at whose request he took up his research work on soils and whose strong support and appreciation he gratefully remembers. The title given to this scheme of research, namely, colloid soil constituents was his own choice. He was ably supported in all his work by his wife Lady Burt whom most persons connected with Indian Agriculture will remember for her genial hospitality. After return from India Sir Bryce C. Burt took up active work in connection with the war effort relating to the food question in Great Britain. He had a genial personality and never hesitated to take up a definite attitude in what he considered to be proper. His loss will be mourned by a large circle of friends and admirers. He was a member of the Royal Asiatic Society of Bengal since 1943.

J. N. MUKHERJEE.

Read on 5-7-1943.

SIR JEHANGIR COOVARJEE COYAJEE

(1875-1943)

With the passing away on July 14, 1943, of Sir Jehangir Coovarjee Coyajee, or, to give him his more familiar name, of

Prof. J. C. Coyajee, India has lost one of her foremost economists. Born on September 11, 1875, he received his early education at Rajkot and later on joined the Elphinstone College, Bombay. After taking his B.A. from the Bombay University, he taught for nearly a decade 'a variety of subjects—including such a diversified assortment as Economics, History and Persian—at different colleges of the Bombay Presidency'. He then proceeded to Cambridge, where with Keynes as his Tutor he secured a first in Economics Tripos in 1910. Next year on March 17, he joined the Presidency College (Calcutta) as the Professor of Economics.

With the organization of post-graduate teaching in the University of Calcutta, he actively participated in the work of the University Department of Economics also. This bald statement does less than justice to the tact, kindliness and sympathy of Prof. Coyajee, who had to work in double harness in the University and the Presidency College, whose respective functions were as yet vague and undefined. The times also were exceedingly difficult. There was a rousing of national consciousness. There was the storm and stress of the Great War. There was impatience and want of tact in many quarters, where better counsels should have prevailed. At this distance of time, it is possible to review all the unhappy events of the period dispassionately and one cannot withhold his tribute of admiration to Prof. Coyajee.

As the chief official expert on economic matters in those times, Prof. Coyajee was frequently consulted by the Bengal Government. Most of his 'notes' must be tucked away somewhere in the dusty shelves of the Bengal Secretariat. One of them however has been known. In 1918, the Government of Bengal appointed a Committee to enquire into the difficulties in connection with the circulation of one-rupee notes under the Chairmanship of Mr. J. A. L. Swan, the other members being Prof. Coyajee, the Hon'ble Raja Reshee Case Law, the Commissioner, Presidency Division, the Accountant-General, Bengal and the Postmaster-General, Bengal. This was the first of the series of Commissions and Committees served by Prof. Coyajee, the others being (a) Indian Fiscal Commission, 1921-22, (b) Royal Commission on Indian Currency and Finance, 1925-26 and (c) Indian Coal Committee, 1936-37. He was knighted in 1928. He served as a delegate to the League of Nations at Geneva for three years (1926-31).

During the last year of his service in the Presidency College, he was the Principal of the College, from October 30, 1930 to August 5, 1931. He then retired but not to rest. From 1932 to 1935, he was both Principal and Professor of Economics at Andhra University, where he also acted as the Vice-Chancellor for a time. As early as 1930, he had been nominated to the Council

of State. He actively collaborated with the late Sir Sorabji Pochkhanwala, Managing Director of the Central Bank of India, Ltd. in organizing the Parsi Statistical Bureau for relieving unemployment among Parsis.

As correspondent for India of the Royal Economic Society of London for many years, Prof. Coyajee wrote extensively on economic subjects. But his interest in other subjects, although not so well known, deserves mention. He joined the Royal Asiatic Society of Bengal in 1925 and continued as a member until 1934. He also served on its Council from 1929 to 1932. He contributed as many as eight papers to the *Journal* from 1926 to 1930 (in Volumes XXII, XXIV and XXVI) and published the book *Cults and Legends of Ancient Iran and China*. In 1939 he was elected to the Government Research Fellowship of the K. R. Cama Oriental Institute and published under its auspices *Studies in the Shanamah*.

In 1916 appeared the *Bengal Economic Journal* under the joint editorship of Prof. Coyajee and Prof. C. J. Hamilton, then Minto Professor of Economics, Calcutta University. With the growth and development of economic studies and researches in different Universities in India, it was felt desirable to reconstitute the *Bengal Economic Association* (founded in 1916), the *Bengal Economic Conference* (first session on 3rd and 4th January, 1918), and the *Bengal Economic Journal* on an all-India basis, their places now being respectively taken up by the *Indian Economic Association* (founded in 1918), *Indian Economic Conference* (first session in December, 1917) and *Indian Journal of Economics* (started in 1916). But the pioneer efforts of Prof. Coyajee and his collaborators such as Prof. C. J. Hamilton cannot be overlooked. Prof. Coyajee contributed not only to the *Bengal Economic Journal* but also to *Indian Journal of Economics*, *Capital* (Calcutta), *Statesman* (Calcutta), *Presidency College Magazine* (Calcutta) and several journals on co-operation. Probably his earliest contribution on co-operation was the chapter on *Urban Banks in India* in *Indian Co-operation Studies*, a symposium edited by Mr. R. B. Ewbank. His work on the *Indian Fiscal Commission* (1921-22) mentioned above was responsible for his Presidential Address before the sixth session of the *Indian Economic Conference* at Lahore in January, 1923, on *Protectionism in India* and for his book on *Indian Fiscal Problem*, being a collection of seven lectures delivered at the Patna University as the Banaili Reader in Economics in August, 1923. Similarly after his work on the *Royal Commission on Indian Currency and Finance*, he delivered the Sir William Meyer Lectures for 1929 before the University of Madras, and published them as *The Indian Currency System 1835-1926*, affectionately dedicated to the memory of Alfred Marshall. This was quite in the fitness of things, not only because he had sat at the feet of

Marshall, but also because he had tried to apply the theories of International Trade taught by him in the Calcutta University to the problems of Indian currency and exchange. Again it was after his work at Geneva that he wrote his *India and the League of Nations*. It should also be noted that as a delegate from India he got the resolution passed recommending a study of the Economic Depression which resulted in Prof. Ohlin's *The Course and Phases of the World Economic Depression*.

Prof. Coyajee's strength in his economic writings lies in his absence of a partisan spirit and in his clear exposition of complicated and, at times, controversial issues. There are many Indians, who think that the policy of discriminating protection advocated by him does not go far enough, but there are none, who will not endorse Marshall's opinion on *Indian Fiscal Problem* as 'strong, well-balanced and suggestive'. It should be remembered that Prof. Coyajee was educated at Cambridge, where free trade was an article of faith, when the *End of Laissez-faire* was yet to come. In fact, during the earliest years of economic studies in India, there was undiluted Cambridge School of Economics, sponsored by Prof. Coyajee on the one hand and by Prof. Manohar Lal (now the Hon'ble Sir Manohar Lal), the first Minto Professor of Economics on the other. It is no wonder therefore that Prof. Coyajee must have felt very hesitant in advocating even a policy of discriminating protection.

Great as has been Prof. Coyajee's contribution to Indian economic literature, his influence was greater still through his students both in the Presidency College and in the Calcutta University and later on in the Andhra University,—for nearly a generation. It is a little difficult to define wherein lay his immense influence on his pupils. One must have heard him in order to appreciate it. His thoroughness, the extent of his knowledge and the serious manner in which he tackled his subject attracted enthusiasm and admiration from his class. He provided a syllabus containing headings and references, and tried to help his students as much as possible. What one appreciated most was his veneration for Marshall. His students were sometimes of a different opinion, who seemed to think that there were other points of view and Marshall's was certainly not the last word on any subject, yet Prof. Coyajee's admiration for his old teacher was so touching that his own students could not remain unaffected and had to love Prof. Coyajee in spite of what they thought was his blind adoration. To a long line of students among whom there are not only professional economists, but also many persons eminent in administrative services, whether executive or judicial, railway or financial, and in many other professions such as law or business, Prof. Coyajee will live long as the *doyen* among Indian economists.

J. C. SINHA.

Read on 1-11-1943.

K. C. DE.

The death of Mr. K. C. De has deprived the Royal Asiatic Society of a member of very long standing, for he had become a life member as long ago as 1895. He was a man of broad cultural outlook and of very great administrative experience having held as a member of the Indian Civil Service a number of posts of importance under the Government of Bengal culminating in his tenure of the Membership of the Board of Revenue which he held with some intervals from 1923 till his retirement in 1928.

The writer of this obituary notice had the privilege of serving under him as Secretary to the Board of Revenue in 1927 and 1928, and can speak from experience of Mr. De's outstanding capacity for grasping a series of complicated facts and the care and patience which he displayed in unravelling intricacies and difficulties with a view to arriving at a right and equitable decision.

He was a very prominent Freemason—and towards the end of his life held one of the highest posts to which a Calcutta mason can aspire namely that of Assistant District Grand Master.

By his death the Society and indeed Bengal as a whole has sustained the loss of a man of great personality and distinction, and together with our sense of loss our deep sympathy naturally goes out to Mrs. De and the surviving members of his family.

L. R. FAWCUS.

Read on 6-12-1943.

COLONEL SIR SIDNEY BURRARD, Bart., K.C.S.I., F.R.S.,
Honorary Centenary Member of the Royal Asiatic
Society of Bengal.

It was my privilege to meet Lt.-Col. Sidney Gerald Burrard, Royal Engineers, in 1907 a few months before joining the Survey of India in which he was then Superintendent of the Trigonometrical Survey. His scientific prestige was by that time well established and he seemed to embody the high esteem in which the great Trigonometrical Survey of India was internationally held. His name seemed to follow naturally in the series, Lambton, Everest, Walker, Burrard, which covered more than a century of geodetic progress. This progress had not been one steady surge and one can recognize distinct salients. Lambton had initiated the Trigonometrical Survey in 1800. Starting from nothing—no equipment, no trained staff—he visualized and brought into being a network of triangulation covering Southern India. Following on this and with expanded ambitions, his successor Everest envisaged and duly completed the great arc of meridian from Cape Comorin to the Himalaya, and was

confronted with the task of determining the figure of the earth—then ill-assessed—as a primary necessity. To this day, the great Indian system of triangulation rests on Everest's figure. Extending from Everest's work, a grid-iron system of triangulation gradually covered the whole of India. Then came the great, business of adjusting this to one consistent whole on Everest's figure. With this phase one associates the name of J. T. Walker.

Along with the triangulation had gone astronomical determinations of latitude whose association with trigonometrically determined latitude should yield the curvature of meridian. The discrepancies were called 'deviations of the vertical' or 'deflections of the plumb line'. As more of these became known, greater became the embarrassment of those who tried to understand them. It is in this field that Burrard worked to such good purpose and found order out of chaos. He showed that the earlier compensation hypothesis of Pratt (Archdeacon of Calcutta in the mid nineteenth century) required a further hypothesis of grand-scale underground features and postulated a great 'Hidden Range' of high density traversing India from West to East. Burrard's work drew wide attention and it was later recognized by Hayford of the United States Coastal Geodetic Survey, who did so much to launch the modern theory of 'Isostasy', as an all-important link in the development. Isostasists today would do well to recall the Hidden Range of Burrard and not to make claims of isostasy beyond its powers of satisfaction.

I fancy that when Burrard joined the Survey of India in 1884, he must have found rather a state of geodetic stalemate in the Trigonometrical Branch. The great computational *tourde force* of simultaneous adjustment of the triangulation net-work had been the centre of interest and this had been recently completed with success. Those responsible may have felt disposed to rest on their oars and not to turn to the new vista along which geodesy was to make important developments. There was need of scientific initiation and this came with Burrard. Longitude arcs based on electric telegraph had been observed and results had been disappointing. It was perhaps for this reason—I do not know with certainty—that these results were not included in the simultaneous adjustment, a matter to be regretted. Burrard took part in some later longitude work and his interest naturally went to the bad closing errors of the arcs. Finally, he discovered the reason (dependent on the collimators)—and—here he was more fortunate than many who discovered mistakes in earlier work—he was able to indicate how the old observations could be correctly reduced. This indeed was done with great success and the results then attained their proper significance. Burrard did not leave the matter there; at a later

period, he discussed all the longitude results and showed how to incorporate them into the main system of triangulation and thereby released a large amount of further data for 'Figure of the Earth' problems. He also with Lenox Conyngham, determined the fundamental longitude of India with reference to Greenwich.

Burrard was a delightful chief under whom to work. Some said that he was too much given to asking opinions from or consulting his juniors; but in scientific matters I cannot think that is wrong. It should stimulate the younger—and I am sure that Burrard was very stimulating in that way—and encourage the team spirit. I know of no case where Burrard was not very much looked up to and loved by those who worked with him on scientific problems. It was a matter of great regret to myself when his becoming the Surveyor-General of India in 1911 necessitated his departure from Dehra Dun. Of course, he retained his interests in geodesy and spent a few months in each year at Dehra Dun. At that time his interests in the formation of the Indo-Gangetic plain, as revealed by the geodetic deflections, was very great. He accepted the (then new) idea of Heyford's Isostasy and became involved in friendly controversy with Oldham of the Geological Survey. In 1916, he was President of the Indian Science Congress at Lucknow and the subject of his Presidential Address was 'The Plains of Northern India and their relationship to the Himalayan Mountains'. Burrard was a great Himalayan geographer and published in 1908 in collaboration with H. H. Hayden 'A Sketch of the Geography and Geology of the Himalaya Mountains and Tibet', a classical work which twenty-five years later he revised, this time in collaboration with A. M. Heron.

One result of the first World War was that Burrard's services as Surveyor-General were retained until 1919, several years after the normal time for his retirement. During his later days in India, he suffered very considerably from his eyesight and that trouble never left him. On retirement, he bought a house in Farnborough, Hants, and from that time he rather withdrew from scientific work, to the regret of his admirers. Nonetheless, he kept up correspondence with many of us and his letters were always a pleasure to receive. He always had a delightful sense of humour and a fund of interesting knowledge. He was something of an artist but very modest of this attainment. For his wife's artistic skill, he had profound admiration.

Burrard's geodetic work was recognized by election to the Fellowship of the Royal Society in 1904. In 1913 the Victoria Medal of the Royal Geographical Society was awarded to him for his distinguished contributions to geography and geodesy. In 1914, he became K.C.S.I., and in 1919 at the time of his retirement the Government of India expressed their 'appreciation

of the long and valuable service rendered by Col. Sir S. G. Burrard in the administration of the Survey of India and in maintaining the high traditions of the Department in the domain of scientific study; and also of the untiring and excellent work done by him for the armies in India and in the field during his tenure of the office of Surveyor-General'. In 1935, he was made a Special Honorary Centenary Member of the Royal Asiatic Society of Bengal. He succeeded a cousin as seventh Baronet in 1933. Born on the 12th of August 1860, he died on 16th of March 1943 in his 83rd year. His memory will long continue, particularly in the Survey of India, which he served so well.

J. DE GRAAF HUNTER.

Read on 3-1-1944.

SIR AUREL STEIN (1862-1943).

Hungarian by birth but of British domicile and citizenship Sir Aurel Stein served the cause of Geographical Exploration and Archaeology for nearly half a century. At the very beginning of his career in India and the Far East we find him connected with the Calcutta Madrasa as Principal (1899) and before that with the Punjab University and Oriental College, Lahore. From the Punjab he began paying visits to Kashmir and studying Sanskrit under the celebrated Kashmiri Pandit, Anand Kaul, to whom he paid a scholarly tribute. Already in 1892 we find him publishing the Sanskrit Text of Kalhana's *Rājatarāṅginī* and the English translation thereof was completed by 1900. In 1894 he prepared a valuable catalogue of the Sanskrit manuscripts in the Raghunath Temple Library of Jammu. That was the time when the Asiatic Society of Bengal was preparing the edition and translation of the famous Bower Manuscript discovered by Captain Bower from Central Asia; and that might have given a definite turn to the archaeological activities of Stein. In 1898 he published a report of an archaeological tour with the Bonur field forces, Swat Valley. He opened the twentieth century with his Preliminary Report on a journey of archaeological and geographical explorations in Chinese Turkistan (1901). In 1903 he published the *Sand Buried Ruins of Khotan*, followed by two big volumes of *Ancient Khotan* (1907). In 1912 appeared his *Ruins of Desert Cathay*, followed by his monumental works entitled *Serindia* and the *Grotto of the Thousand Buddhas* (1921). In 1923 he published a Memoir on the Maps of Chinese Turkistan and between 1925 and 1928 he completed the *Innermost Asia* which, like *Serindia*, was richly illustrated with texts, maps and plates of rare paintings and sculptures discovered in the sandy desert of Central Asia. In 1933 he published a catalogue of Wall Paintings from Ancient

Shrines of Central Asia, but owing to unsettled conditions in China he was obliged to divert his attention to Iran and the intervening regions between India and Persia. In 1929 he published papers on Alexander's Track to the Indus, an archaeological tour in Waziristan and in Gedrosia. Between 1936 and 1940 he published his papers on his archaeological tours in Ancient Persia, North-Western India and South-Eastern Iran and discovered the old routes of Western Iran. In that connection he brought very valuable materials with regard to the prevalence of chalcolithic culture from the Indus Valley right up to Iran (3000-2000 B.C.). Geography was his speciality and through geography he entered the field of archaeology and through archaeology to fine arts. He added a new chapter, that of Serindia or cultural collaboration between China and India, in the study of Asiatic history and culture. Indian scholars will ever be grateful to Sir Aurel for his indefatigable researches in Central Asian history, which is now known to be so intimately connected with the expansion of Indian civilization through Central Asia to China and other nations of the Far East. In the very last days we find him in Afghanistan, probably travelling his way back to India when he suddenly died in Kabul, lamented by thousands of his admirers in India and abroad. He was elected a member of the Asiatic Society of Bengal in 1891 and subsequently nominated Honorary Fellow in 1920. As early as 1896 he published in our Journal his Notes on the Ancient Topography of the Pir Pantsal Route, in 1898 his Notes on New Inscriptions discovered by Major Deane and in 1899 his Memoir on Maps illustrating the Ancient Geography of Kashmir.

KALIDAS NAG.

Read on 1-11-1943.

LORD MESTON (1865-1943).

James Scorgie Meston, born 12th June, 1865, in Aberdeen, completed his higher education in the University of Aberdeen and Balliol College, Oxford. He entered the Indian Civil Service at the age of 20 in 1885. In his official career we find him as Financial Secretary to the U.P. Government (1899-1903); Advisor to the Governments of Cape Colony and Transvaal on Civil Service Reform (1904-1906); Secretary to Finance Department, Government of India (1906-1912) and finally Governor of the United Provinces of Agra and Oudh (1912-1918). He represented India at the Imperial War Cabinet and Conference in 1917, and after retiring in 1919 served as Vice-Chairman of the Supervisory Commission, League of Nations. In 1920 he was appointed Rede Lecturer to the University of Cambridge. He was the Honorary Fellow of the University College, London

and an Honorary M.D. of Zurich University (1929). In 1928 his own University of Aberdeen elected him Chancellor and in 1932 he was President of the Royal Statistical Society. In 1931 he published a valuable book, *Nationhood for India*, and in the last days of his eventful life he was intimately connected with the Royal Institute of International Affairs, personally attending to its research department and to the review section of its valuable Journal.

KALIDAS NAG.

Read on 1-11-1943.

INSTRUCTIONS TO AUTHORS FOR THE SUBMISSION OF PAPERS FOR PUBLICATION IN THE JOURNAL AND MEMOIRS OF THE SOCIETY.

PAPERS

1. All communications submitted to the Society for publication should be addressed to the General Secretary and not to any officer by name. They should be type-written on one side of the paper with sufficient margin on the sides, and *in all respects must be absolutely in their final form for printing.*

2. Papers must be accompanied by a brief abstract not exceeding 1,000 words, which shall indicate the subject of the paper and the nature of the advance in the existing knowledge on the subject.

3. Tables of contents (for long papers), references to the plates and literature, etc., should be given in their proper places.

4. Quotations in Oriental languages should be in the original script, and wherever they are transliterated the System of Transliteration adopted by the Society must be followed (see instruction 15). The names of *genera* and *species* in the case of biological communications should be underlined to indicate that they are to be printed in italics.

ILLUSTRATIONS

5. All drawings and photographic prints should be as clear as possible. They should be in a form immediately suitable for reproduction, preferably of a size to permit reduction to about two-thirds the linear dimensions of the original, and should be capable of reproduction by photographic processes.

6. Drawings and diagrams to be reproduced as line blocks should be made with fixed Indian ink, preferably on fine white Bristol board, free from folds or creases; smooth clean lines or sharp dots, but no washes or colours should be employed for shading. The positions of the illustrations that are to appear in the text must be clearly indicated in the margin of the paper; and explanations of the figures should be typed at the end of the main paper with the indication: *Explanation of text-figures.*

7. The maximum space allowable for illustrations in the *Journal* and the *Memoirs* are as follows:—

Journal, text, 3 $\frac{3}{4}$ " \times 6 $\frac{3}{4}$ ", Plates 4 $\frac{1}{2}$ " \times 7".

Memoirs, text, 6 $\frac{1}{4}$ " \times 9"; Plates, 7 $\frac{1}{2}$ " \times 9 $\frac{1}{2}$ ".

These spaces include the usual figure numbering. Explanations of the plates to be printed on separate pages, facing the plates, must be typed on separate sheets.

PROOFS

8. A proof of each paper will be sent to the author, on the address given on the MS.

9. No alteration or addition necessitating any considerable change of type may be made in the proofs. Should such alterations or additions be necessary, these must be added as footnotes duly dated and initialled. The cost of corrections made in the proofs should not exceed 20% of the printers' charges for the setting of the paper; any excess will be charged to the authors.

10. The proof must, if possible, be returned within one week of the date of receipt of the Society duly corrected.

MISCELLANEOUS

11. Authors of papers published in the Society's *Journal* and *Memoirs* are entitled to receive *gratis* 30 copies of each paper, and as many more as they require on payment of the cost of printing, paper, and make up. Such requirements must be stated at the time of returning the proofs.

12. Papers by non-Members of the Society must be communicated through a Member, who shall satisfy himself that the paper is suitable for presentation to the Society, and is ready for the press.

13. No communications under consideration or accepted for the Society's publications may be published elsewhere without the express sanction of the Council.

14. To facilitate the compilation of indexes, each author is requested to return to the Society together with the proof, a brief index of the contents of the paper. These indexes will be edited and incorporated in the volume when completed.

15. The following systems of transliteration are henceforth to be followed (as far as practicable) in the publications of the Society, in quoting non-European words as such. In giving names of places, authors or books, which would occur in the course of the English text, a 'broad' transcription, following English values of the consonants and avoiding diacritical marks, is recommended.

SANSKRIT

अ = a	आ = ā	इ = i	ई = ī	उ = u	ऊ = ū
ए = e	ऐ = ē	ऋ = ṛ	ॠ = ṝ	ऌ = ḷ	ॡ = ḹ
ओ = o (or ō)	औ = au (or aū)	अक्षर = akṣara	अक्षर = akṣara	अक्षर = akṣara	अक्षर = akṣara
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Sandhi Vowels may be indicated as â î û ê ô. *Avagraha* = '. Accents in Vedic—*Udatta* á â etc. *Svarita*—â.

क	ख	ग	घ	ङ	=	k	kh	g	gh	ṅ (or ṅ)
च	छ	ज	झ	ञ	=	c	ch	j	jh	ñ (or ṇ)
ट	ठ	ड	ढ	ण	=	ṭ	ṭh	ḍ	ḍh	ṇ
त	थ	द	ध	न	=	t	th	d	dh	n
प	फ	ब	भ	म	=	p	ph	b	bh	m
य	र	ल	व		=	y	r	l	v (or w)	
श	ष	स	ह		=	ś	ṣ	s	h	
ळ	ळ				=	ḷ	ḷh			

HINDI (and other North Indian Speeches)

As for Sanskrit, only nasalized Vowels are to be indicated by a *tilde* mark (˜) above the Vowel (e.g. अँ अॉ अँ अँ = ā ã ū ã).

etc.), and \ddot{d} \ddot{d} are to be denoted optionally by either d dh or by \dot{r} $\dot{r}h$. Care should be taken in distinguishing \bar{b} and \bar{v} (b and v)—the latter preferably may be written as w rather than v , specially in intervocal and final positions. The final silent $-a$ may be optionally omitted: but in quoting Early Hindi, etc. the final a should be retained. \bar{a} \bar{a} as in Rajasthani, Panjabi, etc. are to be indicated as in Vedic.

BENGALI

The system for Sanskrit, with the provision for nasal Vowels and for \ddot{d} \ddot{d} (= \ddot{d} \ddot{d}) as in Hindi. For \bar{v} (অন্তঃস্থ ব), in all *tatsama* or pure Sanskrit words, y should be employed, in Prakritic and semi-*tatsama* words, j ; subscribed \bar{v} (= ব-ফলা) should be indicated by y . The difference between বগীয় ব (= b) and অন্তঃস্থ ব (= v, w) need not be indicated for Bengali— b may be written for both: only subscribed \bar{v} (ব-ফলা) is to be written as w (e.g. Skt. *Viśvāsa* = Bengali *Biśwās*). Final $-a$ may be omitted optionally, but it should be retained for Early Bengali.

ARABIC

In transcribing Arabic, according to the context either (i) the native Arab pronunciation (as current in the *Jazīratu-l-‘Arab*) or (ii) the Perso-Indian pronunciation may be followed.

(i) Arabic in native Arab Pronunciation—

ء (alif hamza) = ’; ب = b , ت = t , ث = th (or θ); ج = j (or g), ح = h , خ = kh (or χ , or x); د = d , ذ = dh (or δ); ر = r , ز = z ; س = s , ش = sh (or \check{s}); ص = s , ض = d ; ط = t (or k), ظ = z (or z); ع = ’, غ = gh (or γ); ف = f , ق = q ; ك = k ; ل = l ; م = m ; ن = n ; و = w, \bar{u} ; ه = h ; ي = y, \bar{i} .

َ respectively = a, i, u (or \bar{e}, \bar{o} optionally in place of i, u), ا = a, i, u ; آ = \bar{a} ; إ = \bar{i} ; و = \bar{u} ; ع = ay

(or ai); و = aw (or au); *tanwīn* = un, an, in above line; ه = \acute{a} .

(Note: عبد الحق = ‘Abdu-l-Haqq, or ‘Abd al-Haqq, not ‘Abd-ul-Haqq.)

ث = t (or h , or th).

(ii) Arabic in Perso-Indian Pronunciation, in the case of the following letters—

ث = ś, ذ = ž, ص ض = ʒ z, ط ظ = ʈ ʒ.

PERSIAN

As for Arabic in Perso-Indian Pronunciation, with the following special Persian letters added:

پ = p, چ = ch (or c, or č), ژ = zh (or ž), گ = g.

و may be indicated for Persian by v rather than w.

For Early Modern Persian, and Indian pronunciation of Persian, the *majhūl* sounds of و and ُ (= e, o) may be employed side by side with the *ma'rūf* sounds. (= ī, ū).

وِ وِ = au, ai. Nasalization (*nūn-i-ghunna*) may be indicated by *tilde* mark (~) on the top of the Vowel, as in the case of Hindi, etc.

Hā-i-mukhtafī can be represented optionally as ah or a.

The *Izāfat* is to be written as -i- (or -e- optionally).

URDU

As for Persian, only و = w, rather than v. See also the directions for Hindi. The special Urdu letters in the Perso-Arabic alphabet for Urdu are to be transcribed as in Hindi, e.g. ث = ʈ, ڌ = ɖ, ڑ = r (or r̥).

TAMIL

In transcribing Old Tamil, the modern pronunciation should not be followed—an exact transliteration will be enough for the purpose. This is in case of the consonants, which for Old Tamil should be indicated as below—

க = k (never g, even medially);	ங = ṅ (or ŋ)
ச = c (never ś, or j);	ஞ = ñ (or ɲ)
ட = ʈ (never ɖ, even medially);	ண = ɳ;
த = t (never d, or th);	ந = n;
ப = p (never b, or v);	ம = m;
ய ர ல வ = y, r, l, v; ன = l; ன = n'; ற = r' (ன்ற = n'r', not ndr; ன்ற = r'r', not tt); ழ = ʒ (or ʃ); ஃ (<i>āytam</i>) = h.	

Long ē and Long ō are to be distinguished from the corresponding short vowels by the *macron* or length mark—the short e and short o being left unmarked.

TIBETAN

Vowels—	a	i	u	e	o
Consonants—k	kh	g	ñ	(or ŋ)	
	c	ch	j	ñ	(or ɲ)
	t	th	d	n	
	p	ph	b	m	
	ts	tsh	dz	w	
	ž	z	'(or ɣ)		
	y	r	l	š	s h

Silent letters need not be attempted to be indicated in transcription, but if necessary, the modern pronunciation may be denoted by some consistent system of phonetic transcription within brackets after the transliterated Tibetan (or *vice versa*).

CHINESE

Usually the North Mandarin Pronunciation should be represented, in Wade's system, with tones denoted by numerals. As far as necessary or practicable, the original Chinese character and the reconstructed pronunciation of it in Ancient Chinese should be given within brackets.

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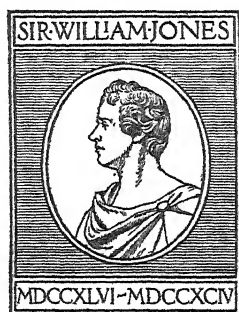
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PROCEEDINGS OF THE ANNUAL MEETING, 1945.

An Annual Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 5th February, 1945, at 5-30 P.M.

PRESENT:

HIS EXCELLENCY THE RIGHT HON'BLE RICHARD GARDINER CASEY, C.H., D.S.O., M.C., Governor of Bengal, Patron.

DR. SYAMAPRASAD MOOKERJEE, M.A., B.L., D.Litt., LL.D., Barrister-at-Law, President, in the Chair.

Members :

Agharkar, Dr. S. P.
Agrawal, Mr. B. M.
Akbar, Mr. M.
Ali, Mr. A. F. M. Abdul
Asadullah, Khan Bahadur K. M.
Bagchi, Dr. K. N.
Batia, Mr. C.
Bhalwala, Mr. D.
Bhattacharji, Mr. S.
Biswas, Dr. Kalipada
Bose, Mr. A. C.
Bose, Mr. M. L.
Brahmachari, Dr. P. N.
Brahmachary, Rai Bahadur S. C.
Brown, Mr. Percy
Burman, Mr. D.
Chanda, Mr. A. K.
Chatterjee, Mr. P. P.
Chatterjee, Mr. R.
Chatterjee, Mrs. T.
Chowdhury, A. B. Mohd. S. A.
Chunder, Mr. P. C.
Crookshank, Dr. H.
Culshaw, Rev. W. J.
Das, Mr. S.
Dutt, Dr. N.
Edgley, The Hon'ble Mr. Justice N. G. A.
Fawcus, Mr. L. R.
Ghani, Mr. O.
Ghatak, Mr. J. C.
Ghose, Mr. D. C.

Ghose, Mr. D. P.
Ghose, Mr. S. C.
Ghose, Mr. S. K.
Ghoshal, Dr. U. N.
Griffiths, Dr. W. G.
Guha, Mr. S. K.
Gupta, Mr. P. C.
Haq, Khan Sahib M. M.
Hendrie, Major J. H.
Hora, Dr. S. L.
Husain, Mr. Mahdi
Ishaque, Dr. M.
Khaitan, Mr. K. P.
Khaitan, Mrs.
Mukherji, Dr. S.
Nag, Dr. K.
Neogi, Dr. P.
Osborn, Dr. H. B.
Poddar, Mr. M. G.
Ray, Dr. N. R.
Ray, Mr. S. K.
Rahman, The Hon'ble Mr. Justice A. S. M.
Latifur
Rahman, Mr. S. K.
Sarkar, Sir Jadunath
Sen, Mr. M. K.
Sen, Rai Bahadur N. C.
Sen, Mr. S. P.
Siddiqi, Dr. M. Z.
Singhi, Mr. R.
Sinha, Mr. A. P.
and many others.

Visitors :

Ahmed, Mr. Nazir
Akbari Ali, Mr. M.
Basu, Mr. N. K.
Bhattacharya, Mr. P. K.
Bhatia, Mr. P. K.
Chaturvedi, Mr. S. L.
Chatterjee, Mr. N. N.
Chen, Mr. C. P.
Chowdhury, Dr. J. K.
Chowdhury, Mr. S. K.
Das, Mr. K. N.
Edgley, Mrs. K.
Finlay, Miss E.
Ganguli, Mr. K. K.
Ghosh, Mr. A. K.
Ghosh, Mr. H.
Ghosh, Mr. H. N.
Gupta, Mr. B.
Jalil, Mr. A.

Majumdar, Mr. S.
Mason, Mr. G. H.
Mukherjee, Mr. A. K.
Mukherjee, Mr. H. G.
Mukherjee, Mr. K.
Mukherjee, Mr. S.
Myers, Mr. M. S.
Nag, Mr. R. C.
Nair, Mr. K. K.
Nityaswarupananda, Swami
Rahman, Mr. F.
Rezevi, Mr. T.
Roy, Mr. A. D.
Santwan, Mr. T. D.
Schroff, Mr. M. L.
Sen-Gupta, Mr. M. S.
Sen-Gupta, Mr. R.
Spens, The Hon'ble Sir Patrick
Spens, Lady

The President declared the Annual Meeting open, and said

'Ladies and Gentlemen,

Voting papers for the election of Council for 1945 and for the election of an Ordinary Fellow will be distributed to all the Ordinary members present.

I request the Ordinary members present to put their voting papers in the collection boxes which will be sent round to them.'

After the distribution of the voting papers, the President appointed Khan Bahadur K. M. Asadullah and Dr. U. N. Ghoshal to act as scrutineers.

The President then called upon the General Secretary to present the Annual Report for 1944.

The General Secretary presented it.

At 5-55 P.M., the President, accompanied by the Treasurer, left the meeting room to receive the Patron, His Excellency the Governor of Bengal, at the main door of the building, and appointed Sir Jadunath Sarkar, M.A., C.I.E., Kt., to occupy the chair during his absence.

On arrival of the Patron, the President introduced the Council to him, and then invited him to occupy the chair.

The Patron occupied the chair and called upon the President to read his address.

The Patron then addressed the meeting.

After the Patron's address, the President made the following announcements:—

'My first announcement is regarding the Election of an Ordinary Fellow. I have now the great pleasure to announce that, having received the report of the scrutineers, I declare that

Dr. Probodh Chandra Bagchi,

an Ordinary member of the Society, has duly been elected an Ordinary Fellow of the Royal Asiatic Society of Bengal.'

'I have next to announce that papers from only one candidate has been received during the year in competition for the 'Elliot Prize for Scientific Research' which was for Mathematics. The Trustees of the Prize have judged his papers deserving of the award and it has accordingly been given to Dr. S. K. Chakrabarty, D.Sc., Lecturer in the Department of Applied Mathematics, University College of Science and Technology, Calcutta, for meritorious contributions to the subject of Mathematics.

'The prize for next year will be for Chemistry concerning which notifications have already been published in the "Calcutta", "Bihar" and "Orissa" Gazettes.'

'My next announcement is regarding the Joy Gobind Law Memorial Medal.' This medal is awarded every three years to that person, who, in the opinion of the Council, has made conspicuously important contributions to our knowledge of Zoology in Asia.

'The medal for the year 1944 is awarded to Rai Bahadur Dr. S. L. Hora, D.Sc., F.Z.S., F.N.I., F.R.A.S.B., Director of Fisheries, Bengal, in recognition of his conspicuously important contributions to our knowledge of Ichthyology of Asia.'

'My next announcement is regarding the Paul Johannes Brühl Memorial Medal.

'The medal is awarded triennially to a person who, in the opinion of the Brühl Memorial Advisory Board, has made the most meritorious piece of original research in any branch of Botany with reference to the Indian Empire.

'The medal for 1944 has been awarded to: Dr. N. L. Bor, D.Sc., F.L.S., F.N.I., I.F.S., formerly Forest Botanist, Imperial Forest Research Institute, Dehra Dun, and at present in charge of the Burma Refugee Organization in Shillong, Assam, for his conspicuously important piece of original research in the Graminae and Ecology of the Indian Plants.'

'My next announcement is regarding the Dr. Bimala Churn Law Gold Medal. This medal was instituted in 1943 to be bestowed annually on a person who, in the opinion of the Council, is considered to have made conspicuously important contributions to any one of the following subjects: History, Geography, Philosophy,

from the earliest time down to the 13th century A.D. and Bengali languages, literature and philology.

‘The medal for 1944 has been awarded to Dr. D. R. Bhandarkar, M.A., Ph.D., F.R.A.S.B., formerly Carmichael Professor of Ancient Indian History and Culture, Calcutta University, for his conspicuously important contribution to Ancient Indian History and Archaeology.’

‘My next announcement is regarding the Sarat Chandra Roy Memorial Medal. This medal was instituted in 1944 to be bestowed annually on a person, who, in the opinion of the Council, is considered to have written the most outstanding book or monograph on any aspect of the Cultural Anthropology of India in the English language, failing that, in Bengali.

‘The first award of this medal is made to Dr. Verrier Elwin, D.Sc. (Oxon), F.N.I., of the Bhumijan Seva Mandal, Patangarh, C.P., for his meritorious and many-sided contributions to the study of Cultural Anthropology of India.’

The Patron handed over the prize and the medals to the respective recipients after each announcement.

Finally, the President announced the result of the Council election as follows:—

‘Having received the report of the scrutineers, I declare that the following names of the gentlemen, set forth on the Ballot Paper, have been duly elected as members of the Council for 1945.’ (See page 12.)

The President then proposed to the Patron a vote of thanks, which was adopted by acclamation, and declared the Annual Meeting to be dissolved in the following words:—

‘Ladies and Gentlemen, in declaring the Annual Meeting dissolved, I invite the non-members to examine a collection of exhibits at the eastern end of the hall, and the members to re-assemble around this table for an Ordinary Monthly Meeting for the transaction of business.’

After this final announcement, the President and the General Secretary conducted the Patron through the scientific and cultural exhibits and accompanied him to the gate on his departure.

ANNUAL ADDRESS, 1944-45.

LADIES AND GENTLEMEN,

In accordance with time-honoured custom it is now my privilege to address the Society and to extend my cordial welcome to our members and supporters. I offer to our Patron, His Excellency Mr. Casey, my warm felicitations on behalf of the Society. To our deep regret he was unable to attend our last Annual Meeting on account of sudden illness. I have not the least doubt that in all our efforts to strengthen the beneficent activities of the Society we shall receive his spontaneous support and guidance.

The annual report of the Society which has just been placed before you gives a brief survey of its many-sided activities. The task of re-organization undertaken some years back is being carried on with vigour and efficiency. Preparation of catalogue of our books and our invaluable stock of manuscripts and their preservation and repair are proceeding in a scientific way. Slip catalogue for about thirteen thousand manuscripts made over to us by the Indian Museum, has been completed and they are now open for utilization. Good progress has been made with the printing of descriptive catalogue of Sanskrit as well as Islamic manuscripts. Our Journal is now a regular feature of our activities and important works are appearing in the series of our Memoirs. Bibliotheca Indica has been revitalized and a number of important books has been added to this series during the last five years. Our sale

of scholars and general readers. The funds thus available are being utilized in further useful undertaking. We have just decided to print the second and third volumes of the *Ain-i-Akbari* revised and edited by our renowned colleague, Sir Jadunath Sarkar. The Society is grateful to the Government of India for granting facilities for use of paper without which our publication department would have come to a stand-still. The last twelve months witnessed a record increase of our members and they have come from all classes of enlightened people, irrespective of race, creed and community.

The outstanding activity of the Society during the last year relates to the proposals made in connection with Cultural Reconstruction in India. The main topic of my address today will deal with this question, so vitally affecting the country's future welfare and progress. The Society does not claim to have said the last word on the subject. Our proposals will, however, form the basis for fruitful discussion and will serve to stimulate public opinion. The proposals that have emanated from the Society have been carefully examined by two ably-constituted committees representing diverse points of view. I deem it, however, my duty to record my appreciation of the pioneer work done in this connection by one of our esteemed colleagues, Mr. Justice Edgley, who in spite of his onerous duties as a judge has served the cause of Indian history and culture with all the zeal and fervour of a devoted scholar.

When the Royal Asiatic Society of Bengal was founded in the eighties of the eighteenth century, Science still formed a part of general culture. The study of Man and Nature was the avowed object of the scholars and philosophers of those days. The study of Man was not yet dissociated from the study of Nature. All human achievements whether embodied in traditions and institutions, both civil and religious, or those in the field of natural sciences were regarded as subservient to the same great purpose of human culture. But the world has moved far since those days. Science has made such great strides that it has far outgrown its original scheme. It has brought so many comforts to us that, however relative their importance may be in the history of human efforts, it has almost dazzled our eyes and thrown cultural studies into the background. This has not been without its baneful effects. Science, almost snatched away from the hands of those selfless philosophers who brought it into existence for the solution of higher problems in Nature, has been applied, much to the awe and indignation of its makers, to purposes that have brought disasters to humanity. It has often failed to render that service to us which it could have done within the original scheme. Time has therefore come when science should be made to yield its due place to human culture.

Science is essentially international and does not represent the true ideals and aspirations of any particular nation. Only in the field of its application it is conditioned by national exigencies. If such exigencies are disregarded, if the national needs and requirements are ignored, if the local conditions and capacity for adaptation are overlooked, the application of science produces results that are not beneficial to the nation. The ideals and aspirations of a nation are best represented by its culture. It cannot be denied that in India too, in spite of the variety in languages, religions and physical types, there is a basic national culture. Under the influence of environment, whether geographical, physical or ethnic, we have evolved through millenniums of years cultural traditions which bind us together into an Indian nation, however different our religious convictions may be. Sinister propaganda may cloud our vision for the moment and keep the integrating elements separate for a time, but if we search our hearts we will at once discover those inclinations which we have inherited from age-long traditions of a common culture. All creations in the field of literature, philosophy, painting, sculpture, architecture and music, irrespective of the zonal, communal or religious affiliations of their creators, move the hearts of all of us alike. They alone stand as the symbol of our unity and nationhood.

When therefore we are on the threshold of a new age, as it seems, and when there are talks of all-round reconstruction in various spheres of our national life, we must try to realize once more our true cultural ideals and aspirations. All reconstructions, whether scientific, industrial or economic, must go hand in hand with a cultural reconstruction of the nation. That alone can arouse to the highest degree

that consciousness in us which is required, specially at this moment, to stand as a united Indian nation in the true sense of the term. Such a reconstruction will inculcate in us love for the country, respect for its history, tradition, literature, arts and monuments and arouse in us a balanced sense of pride for all that was ours and for all that we have inherited from the past. This sense of pride must come from a proper evaluation of our cultural heritage so that it does not become over-aggressive. History has shown us in a poignant manner what harm an aggressive nationalism can do to humanity. In our study of the past we have received from the west an unassailable method, but it must be admitted that this method alone cannot unfold the past in its true perspective. Those who are born in the tradition, who have inherited the culture of the land through ages and have a sense of respect for that heritage are in a better position to apply the method with the greatest amount of success. The study of the past does not mean the dissection of a carcass. The past is not a dead past. It has brought the present into being and those who live in that present are best qualified to discover the subtle links between the past and the present which constitute the very life of a civilization.

The annual address which was delivered by Sir William Jones on the 24th of February, 1785, the second year of the then newly started Asiatic Society of Bengal, contains these significant words: 'The civil history of their (Asiatic) vast empires, and of India in particular, must be highly interesting to our common country; but we have a still nearer interest in knowing all former modes of ruling these inestimable provinces, on the prosperity of which so much of our national welfare and individual benefit seems to depend. A minute geographical knowledge not only of Bengal and Bahar, but for evident reasons, of all the kingdoms bordering on them, is closely connected with an account of their many revolutions: but the natural productions of these territories especially in the vegetable and mineral systems, are momentous objects of research to an imperial, but, which is a character of equal dignity, a commercial people.' The Asiatic Society of Bengal, inaugurated in the times of Warren Hastings, the first Governor-General of India, was thus the first organization whose business was not only to collect materials, both literary and archaeological, for the past history of India, but also to amass concrete information about her vast natural resources. The selfless efforts of its organizers and generations of its members, both European and Indian, during a little more than a century and a half of its history have brought together a mass of materials which are so worthily displayed in the pages of the past and present volumes of its Journal. The various collections of Indian objects of archaeological, geological, zoological, palaeontological, entomological, anthropological and ethnological character, which were so assiduously made by its previous members, actually served as the substantial nucleus of the Indian Museum, Calcutta, one of the finest museums of the world. The literary efforts of its past alumni inspired to a very great extent not only many outsiders but also several eminent children of the soil like Raja Rajendralal Mitra to engage themselves in the work of throwing considerable light on the then little known history of India's past culture and tradition.

The task of writing a true and connected history of pre-Muslim India has been rendered extremely difficult by the colossal loss caused to ancient Indian monuments due to a policy of destruction pursued by foreign elements who periodically visited India, either for plunder or for gaining political control over her destinies prior to the advent of the British rule. Such monuments constitute the principal source for a systematic reconstruction of our past history and the preservation and proper study of what little is still left to us are of utmost importance in this respect. When we study the history of the previous attempts for the preservation of our cultural inheritance, during the early and middle periods of the British rule in India, we are confronted with the absence of any active interest of Government in this matter. The noble efforts of such individuals as Jones, Colebrooke, Wilson, Prinsep, Kittoe, Cunningham, Fergusson, Raja Rajendralal Mitra, Bhau Dauji, Bhagawan Lal Indrajii, Ramkrishna Gopal Bhandarkar and others in collecting materials for the past history of Indian culture and publishing them were mostly made in their private capacity. The original example of duty which was set to

Government by this band of enthusiastic workers could not but evoke some sort of response, of however tardy a character, in the former, and some of them, such as Cunningham and others, were given official status and encouraged to pursue their useful activities. But even then Government, especially in the last part of the Company's rule, were culpably ignorant of the nature and magnitude of this kind of work on account of their total inability to grasp the real values of things. Lord William Bentinck is regarded as one of the most enlightened Governor-Generals of India and yet it was in his time that the Taj Mahal was on the point of being destroyed for the value of its marbles. It was the same ruler of India who sold by auction the marble bath in Shah Jehan's palace at Agra, originally torn up by Lord Hastings for a gift to George IV. After 1857, a solemn proposal was made by the then Government to raze to the ground the Jumma Musjid at Delhi, one of the noblest ceremonial mosques in the world. As late as 1868, the gateways of the Great Stupa at Sanchi in the Bhopal State were on the point of being destroyed and one of them, the Eastern one, was about to be presented to Napoleon III, the Emperor of the French. Be it said to the credit of John Lawrence, one of the members of Government, that this great act of spoliation was successfully prevented through his efforts. Some sculptured pillars of the beautiful Ajmere temple, turned hastily into a mosque during the early Muslim period and now known as Adhāi-din Ki Jhomprā, were pulled down by a zealous officer to construct a triumphal arch for the then Viceroy to pass under. Innumerable sculptural and architectural pieces from Sarnath, belonging to Brahmanical and Buddhist shrines of great antiquity, were carried away by official orders from the site and thrown into the Ganges as ballast when the Dufferin bridge was being constructed at Benares. Many more such instances of vandalism of greater or lesser magnitude can be cited for which Government of earlier times can be held directly responsible either through errors of commission or omission.

It was, however, in the time of Lord Canning, the first Viceroy, that archaeological work in India won for the first time some sort of permanent State patronage. The Archaeological Survey of Northern India was constituted in 1860 and Cunningham was appointed in 1862 as Archaeological Surveyor and afterwards the first Director-General of Archaeology in India. The twenty-three volumes of old archaeological reports that were published by him and some of his able assistants show what good use was made by him and his lieutenants of the limited opportunity with which they were provided. Then followed a long period of partial stagnation and occasional spurt in the governmental activities of preservation and study of the ancient and mediaeval Indian monuments. It must be said to the credit of Lord Curzon, one of India's most forceful Viceroys and Governor-Generals, that he recognized the full value of this work. He very correctly pointed out in his speech before the members of the Asiatic Society of Bengal in 1899 that—'it is in the exploration and study of purely Indian remains, in the probing of archaic mounds, in the excavation of old Indian cities and in the copying and reading of ancient inscriptions, that a good deal of the exploratory work of the archaeologist in India will in future lie A curtain of dark and romantic mystery hangs over the earlier chapters, of which we are slowly beginning to lift the corners. This also is not less an obligation of Government. Epigraphy should not be set behind research any more than research should be set behind conservation. All are ordered parts of any scientific schemes of antiquarian work'. The reconstituted Archaeological Department of India from the time of Lord Curzon onwards worked under the able guidance of Sir John Marshall, and it was in the latter's period of official tenure that one of the most outstanding archaeological discoveries of India was made by a Bengali archaeologist of eminence, the late Rakhaldas Banerjee. The discovery of the prehistoric sites in Sind and lower Punjab regions, which after systematic excavation yielded invaluable mementos of the Indus Valley culture, was an event of far-reaching importance, for it changed a great deal of our preconceived notions about the nature and antiquity of Indian culture. Another important result of the activities of the Archaeological Department was to inspire many private individuals and societies with ideas about the systematic collection of materials for the past history and culture of our country. Varendra

Research Society, to mention only one among the latter, proves to a remarkable degree what good work of this character could be done by a band of enthusiasts inspired by the deepest love for the cultural achievements of their own land. The University of Calcutta took a leading rôle in the work of throwing considerable light on early Indian history and culture. The practical side of this work, viz. the collection of archaeological and artistic materials, which was not at first taken up by it, has since been energetically adopted. The Asutosh Museum, at present an indispensable adjunct of Calcutta University, has within a very short period of its existence more than justified its creation. Thanks to the devoted zeal of its Curator, it can very well be regarded now as one of the few repositories of materials of inestimable value for the study of art and culture of Bengal. We shall watch with interest the recent attempts to re-vitalize Indian archaeology due mainly to the energetic efforts of India's new Director-General of Archaeology.

I do not look at Indology from any narrow angle. To me Indology means much more than a mere study of India's past language and literature by a limited group of scholars; it is a message born out of healthy mass-culture, a message of the people of India to the world. Indian people have lived peacefully side by side with her neighbouring peoples and races for millenniums together. When Indian nationals visited foreign lands, they carried with them not arms, not ammunitions, but messages of peace and good-will. Cultural intercourse between India on the one hand and China, Indo-China, Malayasia and the South Sea Islands on the other is now a matter of history. People of India were equally catholic in their assimilation of other cultures. The Greeks, the Scythians and the Huns came as enemies, but ultimately they found places not only in our body politic as friends, but were ever absorbed within our social fabric. Unity amidst diversity was the greatest achievement of Indian culture and civilization. The crusaders against Brahmanical Hinduism, Buddha and Pārśvanātha, were not branded as heretics but received the same respect as is paid to its own founders. Rishi Chārvāka, the champion of materialism, is held in the same high esteem as is offered to Vasiṣṭha or Viśvāmitra, the torch-bearers of the orthodox faith. Social equity and justice was the watchword of our life. Every one found his own place in the social and economic life of the land, destined to play his own part and to fulfil his own mission. Every citizen was only the part of a complete whole, a mere limb of a dynamic social organism. There was a thousandfold diversity no doubt, but this diversity was never compartmental; it blended into a unity in the ultimate purpose—the welfare of mankind irrespective of one's birth, wealth, creed or religion. Education was given the highest place. The learned are respected everywhere, the king only in his own land (*svadese pūjyate rājā, vidvān sarvvattra pūjyate*). The average standard of education was high enough to produce scholars, and the kings were ever ready to support them, to find their material needs so as to ensure them abundant leisure for following study and research.

Research does not mean a mere excavation of the past; its main task lies in building for the future. Organized study and research requires a study centre, an academy for the cultivation of Arts and Sciences. Our Society has afforded so long a meeting ground of scholarly men, old and young, wholly engaged in the pursuit of knowledge following diverse branches of study in different organizations. But the demands of the age are greater. We should from now begin to think in terms of broad-basing our foundation so as to serve the purpose of a full-fledged Academy of Research, which must have its own whole-time scholars and fellows, dedicated to the cause for which the Society stands.

As I said in my last address, the Society, though remaining a learned one, must continue to be a well-equipped and functioning centre from where new information and knowledge may be disseminated to the public in various fields of intellectual activity, social and economic, literary and scientific. I am glad to tell you that the Society during the past year, has sought to elevate the intellect of the people and to broaden their minds and sharpen their curiosity by means of series of lectures and discussions on important branches of knowledge, both ancient and modern. It has undertaken to publish a volume, embodying select lectures delivered at the Society's

discussion meetings, which would serve as a good introduction to Indian life and culture. Another volume embodying results of modern scientific researches is also under preparation. These two volumes will bring home to the people it serves the fruits of investigations of scholars in various fields of intellectual activity.

Let me emphasize that I do not at all minimize the need for a radical reorientation of the economic and industrial policy of India. A country whose educational and economic backwardness is a standing disgrace to human civilization has got to be placed on her feet again and its people must get the fullest advantage of its inexhaustible raw-materials. But let me state at the same time that neither can India attain her full strength and glory nor can she contribute worthily to the cause of stabilizing human civilization, if we ignore the need for a proper cultural reconstruction in India. The proposals made by the Society are of a far-reaching character and they deal with such problems as establishment of a National Museum, of a School of Indian Architecture, of a National Cultural Trust, of a National Academy of Arts and Letters, of National Parks, of a Central Record Office in Bengal, of a Travellers' Department in India and also the future development of the Archaeological Department. The proposed all-India institutions, we have emphasized, must be allowed to function as free and autonomous bodies enjoying full measure of State support but worked and organized by outstanding representatives of diverse cultural and scientific interests and occupations, all working together for revitalizing Indian life and civilization.

The bicentenary of the birth of our founder, Sir William Jones, falls next year. It is my privilege to call upon you to prepare for the celebration of this occasion in a manner befitting the memory of that great Orientalist who paved the way, by establishing this Society, towards a common meeting ground of the culture of the East and the West. The West has failed to show mankind the way to peace and happiness; it has led us into the blind alley of death and devastation. The torch in the orient, in India and in China, is still alight, still ready to serve the ailing humanity and to show her the path of truth. The future of the world lies in a just recognition of freedom for all, which must be the principle of peace yet to come. In the words of a thoughtful western writer, the abnormal unhealthy experience of war has only given the countries glimpses of each other fighting, in deep distress, wounded, dying. The peoples have not had the experience yet of living together, respecting and honouring each other as true equals. In the renaissance of the Middle Ages it was the East that gave to the West. In the modern renaissance of Asia it was the West that gave to the East. But now each has something to give to the other and from this mutual need and richness there will spring, if the times are free, life for mankind richer and better than anything we have yet known. It has been truly said, today the peoples of the East and West need each other. Nothing must be allowed to keep them apart—neither the greed of merchants nor the ambition of empire-builders and dictators, nor the prejudices of the arrogant. The plain peoples of the earth must find each other, they must discover that they are alike in their simple and deep desires. East and West—we are rightly reminded—we do long for the same things, for love and home and children; for work whose fruit will feed the family; for peace, for freedom in which to live and think and grow. These are not impossible longings, not dreams that cannot be realized. They are the rights of all mankind. But the plain peoples must work together to achieve them, and give them to each other or they will not have them. And how can they honourably work together, except as friends, true and equal, ceasing to be strangers and forsaking the rôle of the exploiters and the exploited?

Animated by a passionate longing for breaking the barriers between the East and the West, based upon the fundamental concepts of the mighty civilization of India, our illustrious founder called upon all true lovers of peace and seekers after truth to open every door of approach, to cultivate every source of knowledge, to try to find out by every possible means the ways and habits and beliefs and hopes of all peoples, so that with common knowledge and in mutual understanding we may strive together for a good and peaceful world. May his idealism and his far-sighted vision animate the present and future workers of the Society so that it may fully

contribute to usher in a new era of peace, progress and freedom in India and in other parts of the civilized world!

S. P. MOOKERJEE.

CALCUTTA,

5th February, 1945.

PATRON'S ADDRESS.

SPEECH BY HIS EXCELLENCY THE RIGHT HON'BLE RICHARD GARDINER CASEY, C.H., D.S.O., M.C., GOVERNOR OF BENGAL, AT THE ANNUAL MEETING OF THE ROYAL ASIATIC SOCIETY OF BENGAL, HELD ON THE 5TH FEBRUARY, 1945.

Last year I was unfortunately prevented from being present at the annual meeting, and so I am all the more glad to have this present opportunity of meeting you and saying a few words to you as members of one of the foremost learned societies in India and as heirs to a long tradition of scholarship and research over a wide field.

In the first place, I should like to congratulate the retiring President, Dr. Syamaprasad Mookerjee, on the successful activities of the Society during the past year, and at the same time to thank him for the very stimulating and scholarly address that he has just given us. I welcome to office the new President, Dr. Meghnad Saha who, as a delegate with the Indian Scientific Mission now visiting the United States of America, is unfortunately unable to be with us today. I am very glad to know that such a distinguished scientist has become President of this cultural society, and I sincerely hope that it may be said to portend the closer integration of science and culture which, as Dr. Mookerjee has said in his address, is of such very great importance for the future development of human civilization.

I believe that Dr. Saha is best known to scientists by reason of his discovery of ionization in the chromosphere of the sun which, according to no less eminent an authority than the late Sir Arthur Eddington, is one of the ten outstanding discoveries in astronomy and astrophysics since the discovery of the telescope by Galileo in 1608. He is also known for the leading part he has taken in organizing institutions for the promotion of science in India—including the U.P. National Academy of Science, the Indian Science Congress Association and the National Institute of Sciences of India—and I can imagine no one better qualified to represent the sciences and to serve the cause of cultural-scientific unity as President of this distinguished Society.

I am, as you know, only a newcomer to your Society—and I do not pretend to be aware of the boundaries that you place on your activities and your interests. Such reading of your Year Books as I have been able to undertake has impressed me with the great range of your interests, which seem to spread from the completely cultural to the completely practical and utilitarian. I am much encouraged by this catholicity.

In speaking to inform myself as to the purposes for which this Society was formed, I find that its first President, Sir William Jones, gave you a very wide field. In addition to an extensive range of arts and sciences and cultures, he encouraged you to add researches into agriculture, manufacture and trade—and ended with a warning—which I like to believe may have had a note of sternness in it—not to neglect what he was pleased to call these 'inferior arts'.

Now it is to these allegedly 'inferior arts' that I would like to direct your attention for a moment—because I believe that a Society such as this can help a great deal.

I believe that the application of science to industry and agriculture is only in its infancy—and that a learned Society such as this, by the inspiration and encouragement that it can give, can be of great practical assistance to the well-being of the people of India—and so of Bengal.

I hope I do not brand myself in your eyes as a Philistine by my sponsoring and stressing what no doubt many of you may regard as the lower end of the scale of your interests—the pursuit of the ‘inferior arts’ of which your Founder spoke.

I realize very well that life is many-sided—and that man does not live by bread alone. However, to the great mass of the people, bread—or its equivalent—is vastly important—and anything that those of us who are fortunate enough to be above the breadline can do to improve and lift up the level of life for the masses, I believe we should do.

Scientific research directed towards the betterment of agriculture and industry has great economic importance. I know of no more lucrative investment for public moneys than in well-directed scientific research in aid of the principal occupations of a country.

In brief, what I would hope that this Society would do, *inter alia*, would be to lend the great weight of its prestige to the sponsoring and encouragement of the application of modern scientific research to the old arts of agriculture and of industry. I am encouraged to speak to you of these scientific matters by reason of the terms of encomium in which Professor A. V. Hill has written of the Society in a recent report on Scientific Research in India. Speaking of the Society as the oldest learned society in India, Professor Hill remarks that ‘from its activities has sprung by far the larger part of subsequent scientific activity in India, not to mention all its own work in literature, history, archaeology and philology’.

There is a vast deal to be done in the way of agricultural and industrial research. Relatively little—or so I believe—has yet been done in these directions in India. Professor Hill states that India is spending on agricultural research considerably less than Great Britain, a country one-twentieth the size of India and in which agriculture is relatively of lesser importance than in India. Professor Hill goes on to calculate that agricultural research in India in terms of money has been restricted to one pice per head of the population per year and one-tenth of an anna per year per acre of the total area.

The tempo of scientific research—in its severely practical aspects—has to be quickened. I would believe that this is a joint responsibility of the Government of India and the Provinces—although clearly, in order to avoid duplication of effort, I would believe that the task of fundamental research on matters that are broadly the concern of India as a whole should, in the general public interest, be undertaken by the Government of India.

Scientific research, as you know very well, has been conducted in practically every country of the world in greater or lesser degree for many years. A great deal of ground has already been covered. The results of research are, in general, available to all others. A great deal of time and energy can be saved by any one country by keeping itself adequately and currently informed of what has been done elsewhere on problems of mutual concern. So far as I am aware, there is no one world clearing house of information on the whole field of scientific research. I believe that each country has to make its own arrangements and to create its own links in order to keep itself abreast of the work being done elsewhere in the particular directions in which it is interested. I am without information as to the extent to which India has already forged these scientific links with other countries.

This subject—the scientific unity of the world—is only one example of the movement of all countries towards greater unity through mutual inter-dependence—by the breaking down of local barriers which are standing in the way of that closer understanding which can only be for the general good.

I believe that India has a great harvest of benefit waiting to be reaped by taking advantage of the many directions in which other countries of the world have already solved—or have gone some way towards solving—problems which beset us in India. I seem to detect—I hope I am wrong—a certain reluctance in India to take advantage of the experience of other countries—experience that would, in the majority of cases, be freely available if India were to seek it.

Learned societies play an essential part in breaking down the barriers with which we are apt to hedge ourselves. They provide meeting grounds of familiar

association and fellowship in the common pursuit of knowledge by which to better the lot of ordinary men. I believe this Society provides this ground outstandingly in India.

And now, on another subject. I would like to report to you, knowing your interest and concern with archaeology, that I have been doing what I can to forward the study of the many archaeological remains within the borders of this Province. There is not a great deal that I can do in this regard, by reason of the fact that 'archaeological sites and remains' are the concern of the Central Government under the Government of India Act, 1935. However, Dr. Mortimar Wheeler, the distinguished head of the Archaeological Survey in India, is a friend of mine and I have been in considerable correspondence with him on the subject, as a result of which I am glad to have been instrumental in having a considerable number of the principal archaeological sites in Bengal photographed from the air through the courtesy of Eastern Air Command, who are being good enough to do this work in the course of the training in air photography of those squadrons which specialize in this activity. Who knows that photography may not reveal the lost capital of Ramavati?

I may also say—in this same connection—that Eastern Air Command is collaborating very fully and generously in the providing of air photographs of the Bustee Areas of Calcutta and so putting us in possession of a more complete and detailed picture of what we have to tackle in this regard than would otherwise be possible, without very considerable expense and delay.

I would like to take this public opportunity of thanking Eastern Air Command for their willing collaboration and help in both of these directions.

I am very glad to know that during the past year the Society has been taking an active interest in the formulation of schemes for the cultural side of post-war reconstruction. I have read some of the correspondence that has passed between the Society and the various Departments of the Government of India, and it is good to know that this distinguished institution is so readily awake to its responsibilities as a non-official organization of cultural leadership in the life of the country. I mentioned my sympathies with these objects when I recently opened the Fine Arts Exhibition held in Calcutta. I am glad to find that the views which I expressed are so near to the aims of the Society.

As increasing knowledge permits me to identify myself more closely with the heritage of India—and of Bengal—I look forward to increasingly fruitful acquaintance with the premier learned body of the country. This acquaintance has started, but it shall not end, today.

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ROYAL ASIATIC SOCIETY OF BENGAL, 1945.

*Elected and announced in the Annual Meeting,
5th February, 1945.*

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A. P. Benthall, Esq.

EXHIBITION ANNUAL MEETING.

LIST OF EXHIBITS SHOWN AT THE ANNUAL MEETING OF THE ROYAL ASIATIC
SOCIETY OF BENGAL ON THE 5TH FEBRUARY, 1945.

1. ARCHAEOLOGICAL SECTION, INDIAN MUSEUM, CALCUTTA.

- (1) A preliminary survey recently conducted along a part of the area of the Mainamati and Lalmai hill ranges in the Comilla District, East Bengal, resulted in the discovery of a few ancient mounds of considerable archaeological interest. The finds unearthed in the course of trial diggings in some of the mounds consist of Brahmanical as well as Jaina stone sculptures, terracotta plaques bearing motifs, expressive of fancy and folk art, votive images of the Buddha in bronze, a few coins and plenty of potsherds. The mounds are supposed to be dated *circa* 8th–11th centuries A.D.

(a) *Votive images of the Buddha.*

The four images exhibited, represent *Vajrasana Buddha-Bhattacharya* with the *Vajra* shown on the pedestal in front, while the Buddha's right hand indicates *Bhumisparsa-mudra*. They are supposed to be offerings from Buddhist pilgrims who carried them on their pilgrimage.

(b) *A silver coin.*

The specimen apparently belongs to the 'Chandra' dynasty of Arakan who reigned between 788 and 957 A.D. Coins of this type are reported to have been found buried in the ground in various parts of Arakan. It has, on the obverse, a recumbent humped bull in a circle, to left, superscribed with a Nagari legend, consisting of four letters, which may be tentatively read as *Patikreya* (?), the reverse side contains the so-called trident symbol with garlands hanging from it, sun and crescent above, the whole inscribed in a circle.

- (2) *A thin metal plate inscribed with nine lines of Arakanese writing (undeciphered).*

The plate measures 18 inches in length and 2½ inches in breadth and is a presentation by Mrs. D. Wilson to the Indian Museum, Archaeological Section. The plate is said to have been brought by the lady from Burma.

2. ASUTOSH MUSEUM OF INDIAN ART, CALCUTTA UNIVERSITY.

Śiva from Kesabpur, Dt. Barisal, Bengal.

Standing erect; two hands—right in the *varada* holds a rosary, left a vase; Śiva's trident is shown on the left side; crescent moon on the matted tiara, the third eye on forehead, *urdhhamedhira*—all distinctive cognizances of Śiva—as well as his bull and attendants including Gaṇeśa are carefully shown. But the chief point of interest is a seated *dhyaṇī* figure (Buddha) above the matted tiara—a clear resemblance with Buddhist Mahāyāna deities. The similarity in the conception of some forms of Avalokiteśvara with that of Śiva is striking. Such a *dhyaṇī* figure above the head of Viṣṇu is a more frequent occurrence in Bengal, where we may recognize Lokeśvara Viṣṇu, a not uncommon type of Viṣṇu icon. Studied along with that this image may be known as Lokeśvara-Śiva. (Cf. Śiva Buddha cult of Java.)

3. BANGIYA SAHITYA PARISAT.

A few old and interesting Manuscripts.

- (1) *Padmapurāṇa*—bhūmikhaṇḍa copied in 1594 Ś.E. (1672 A.D.).

- (2) *Bhaktiratnāvalī*—written on birch-bark.

- (3) *Udvāratattva*—written on birch-bark.

- (4) *Kālīkāmāṅgalā* of Śiva Rāma Ghosa contains a hitherto-unknown version of the *Tales of Vikrama* (for detailed account *vide* Sahitya Parisat Patrika, Vol. 49 and Indian Historical Quarterly, XIX, pp. 65-7).

4. BOTANY DEPARTMENT, CALCUTTA UNIVERSITY.

The ancestry of the Mangoes and Bananas of India.

The probable manner in which the numerous varieties of the mango and the banana cultivated in different parts of India could have been produced from their wild ancestors, several species of which are found in the forests of India, is being studied at present in the Botany Laboratory of the Calcutta University with the help of a grant-in-aid from the Imperial Council of Agricultural Research.

The investigation is based on the knowledge that our cultivated varieties of plants, like all living organisms, have inherited a definite constitution from their parents, which is evidenced by the number and arrangement of the chromosomes (small rodlike bodies having special staining properties) found inside their body cells and reproductive cells. The transmission of characters from one generation to another depends normally upon the production of specialized germ cells and it is by the union of these cells, one from each parent, that the genes which determine the character of the plant are transmitted to the offspring. The chromosomes being the physical bearers of hereditary characters, it is possible to draw valid inferences regarding the mutual relationships of the cultivated varieties by comparison of their chromosomal complement with that of their probable ancestors.

As the chromosomes are very small a special technique has to be used to make them visible under the microscope. The exhibit shows some of these.

(1) *Wild relatives of mango (Mangifera indica Linn).*

The genus *Mangifera* includes more than 40 species, out of which 3 are found in India, 24 species occur in Malaya and the Dutch East Indies, and the rest are scattered in Eastern tropical Asia.

The fruits exhibited are those of *Mangifera sylvatica* Roxb. from Assam, *Mangifera caesia* Jack. and *Mangifera foetida* Lour from Malaya and Dutch East Indies. The fruits of *M. sylvatica* contain little flesh and as such are very inferior as a fruit. *M. caesia* and *M. foetida* are cultivated throughout Malayasia for their fruits, which are eaten by the natives, though their flesh is stringy and they have a bad odour.

The most important species, however, is *Mangifera indica*. This species is said to be wild in many parts of India, being generally found on the sides of ravines up to 4,000' in elevation and on the banks of streams. More than 500 distinct cultivated varieties have been enumerated.

(2) *Chromosome complex of the mango varieties (Mangifera indica Linn).*

All the cultivated varieties of *Mangifera indica* examined so far, and the allied wild species *M. sylvatica* Roxb. and *M. caloneura* Kz. have the same number of chromosomes ($2n = 40$). They differ from one another in minute structural details. The high number of chromosomes, the satellites, and the secondary constrictions indicate that they are polyploids, probably produced from ancestors with smaller number of chromosomes. A slide, showing the somatic chromosome complex of the variety *Langra*, has been exhibited.

(3) *Genetic constitution of edible bananas.*

Unlike the wild species of bananas, which are usually fertile and produce viable seeds and have a balanced chromosome complement, the edible bananas are sterile, being produced without fertilization. This is due to their unbalanced chromosome complement and the uneven number of chromosomes (33) in their body cells. This condition leads to irregular meiosis (reduction division) and the formation of gametes with varying number of chromosomes. The edible bananas are hybrids probably produced from parents having different chromosome numbers. The available evidence indicates that the edible varieties of bananas have been produced independently in the new and the old worlds.

A preparation showing an uneven number of chromosomes (33) in the root-tip cells of *Kanchohela*, a seedless variety, has been exhibited. Different varieties of banana differ with respect to minute structural details of the chromosomes. Drawings are shown for a comparison of the minute details of the somatic chromosomes of 4 seedless varieties (*Kanchohela*, *Martabankela*, *Champakela* and *Kabrikela*) and of 4 seeded types (*Musa rubra*, *M. superba*, *M. paradisiaca*, sub-sp. *Sapientum* and *Bichakela*), which have balanced chromosome complements.

5. PERCY BROWN.

- (1) *Miniature statuette in plaster, believed to have been the original model for the large bronze equestrian statue of Sir James Outram (in front of west-end of Park Street) by J. H. Foley, R.A., and considered to be this sculptor's masterpiece.*

(2) 'Panoramic Sketch' of Bengal Troops on the Line of March. Drawn in Lithographic Chalk by 'An Officer of That Army'.

The following is the description which accompanies the drawing :—

This hasty sketch put together on Boardship was originally undertaken as much for the purpose of breaking the monotony of a long sea voyage as to give to a numerous acquaintance at home a better idea of Troops moving in the East than the Designer could convey in conversations. Their favourable notice has induced him to publish it, in its original rough state, a 'Sketch' and nothing more. In the Upper Provinces of the Presidency of Fort William where the greatest portion of his fourteen years' service has been passed, the scenes and figures he has here attempted to depict have from time to time been put on paper.

The confusion of a Line of March in India, where camp followers so far exceed the number of fighting men—the number of elephants, camels, bullocks, buffaloes, mules and ponies requisite to carry the camp equipage, stores, supplies and baggage—the frequent breakdown of the fragile cart of the country and the upsettings caused by restive cattle, would have afforded him ample matter for a drawing three times the length of the present sketch, had he not confined himself to the every-day occurrences incident to the movement of troops in the East, and of those occurrences, selecting only the most characteristic.

The opening of the sketch shows a Fakcer, or a religious enthusiast beating his drum; near to him is one of his idols and above him his flag; in the distance the outskirts of a town, and the husbandmen using buffaloes in their primitive ploughs. The camp comes next, with some of the kinds of tents used by officers and men, and an outline picket is waiting to form the Rear Guard.

It may not be generally known that, in the Upper Provinces of India, when troops are ordered out, every article of consumption must accompany the army or detachment moving, or for days together the numerous train would fare but badly if depending on the villages and small towns for supplies. Grain of all kinds, oxen, sheep, poultry, in fact almost everything that can be enumerated under the head of provisions, must be for purchase in the camp bazaars, or the troops would be in want. Next to the bazaar people, is the camp equipage (trunks, beds, etc.), as it is packed on elephants, camels and in carts.

The Express camel is much used in carrying despatches, for long distances, which they perform with little fatigue to themselves and riders; they average six miles, and will keep it up for many hours together over a sandy and heated soil, where the horse's strength would shortly fail him.

The female elephant in rear of the infantry is equipped as she would appear for a tiger shooting expedition. The one mounted by the General Officer is furnished with trappings usually worn.

A captured gun is seen between the Advance Guard and the main body of troops. It is not usual to bind prisoners of war, but the facilities of escape in jungles and countries intersected by ravines are so many that it is sometimes resorted to.

The enemy's outpost consisting of matchlockmen, bow and swordsmen, appears broken, and they are making off for their usual place of retreat, a hill fort. The swivel gun, mounted on the Dromedary, is still in use amongst the Native Powers; they load them with half a handful of small iron bullets, which are thrown to an inconsiderable distance. Shields are much in use amongst the Natives of India, as are also spears, and armour of various descriptions is worn by the Chieftains—others wear a gilded jacket which in many cases is sabreproof. Natives of rank use very gaudy trappings to their horses, most of which have their tails, and many their legs, dyed with brightest colours. The Fakeers towards the end appear in the attitude of imprecation; they dwell, some in caves, some in huts, and some in temples, live mostly by exaction, and possess great influence over the minds of their countrymen, from the Prince to the Peasant.

6. DEPARTMENT OF FISHERIES, BENGAL.

(1) Benefits of manuring newly excavated or desilted tanks.

Owners of newly excavated or desilted tanks have often complained that the growth of fish in their tanks is very stunted and the fish are sickly. Usually an Indian fish-farmer leaves the tank alone for 3 to 4 years in order to allow it to become mature for fish farming. But if the beds of these very tanks were to be manured in the same way as an agriculturist manures a piece of cultivable land, the results for fish farming would be very encouraging.

Fishes grown in a desilted and partly newly excavated tank after manuring are exhibited.

- (i) Catla ($4\frac{1}{2}$ ") in 15 days from 1" fry.
- (ii) Catla ($5\frac{1}{2}$ ") and Rohce ($7\frac{1}{2}$ ") in 1 month from 1-1 $\frac{1}{4}$ " fry.
- (iii) Catla ($6\frac{1}{2}$ ") in 1 month 15 days from 1" fry.

The fish have already attained a marketable size in about 5 months' time.

(2) Paddy cum Fish Culture.

(a) Hoarding in Bengali with the following instructions :—

- (i) It is very easy to grow fish in embanked paddy fields along with paddy cultivation. It does not entail additional labour or expenditure.

- (ii) One to two inches fingerlings of carps should be liberated in at least 9" depth of water in paddy fields after the transplantation of paddy in July-August. These fingerlings invariably grow to at least 9" in length before the paddy is harvested in January-February.
 - (iii) These fish may fetch a good price even if marketed at this stage but it is more profitable to stock them in some tanks for further fattening.
 - (iv) The fish is benefited by getting nourishment from insects, worms and weeds abundantly found in paddy fields and by getting a good run for exercise.
 - (v) The paddy crop is benefited through manuring of the fields with the excreta of fishes, by an increased tillering action of plants and by the reduced weeding cost of the area.
 - (vi) Paddy cultivation and fish culture in alternate seasons may bring great profit in an area which can be dewatered or re-watered at will.
- (b) Examples of growth of fish in paddy cum fish culture canals and tanks in 24-Parganas.
- (i) Catla (12½") and Mrigal (8½") from Ghutiary Sarif in 4 months from 1" fry.
 - (ii) Catla (8") from Masjidbari in 1 month 25 days from 1" fry.
 - (iii) Rohee (7½") from Ghutiary Sharif in one month 16 days from 1¼" fry.
 - (iv) Mrigal (7½") from Gosaba in 1 month 26 days from 1¼" fry.

(3) *The South Indian Pearl Spot, Etroplus suratensis.*

Though inhabitant of sea and brackish water, the Pearl Spot, in virtue of its size, hardiness, bonelessness and palatability, has been reared in freshwater tanks where common carps may not thrive well. A few young examples of this species and the Far Eastern Gourami, *Osphromenus gourami*, were secured for cultural purposes from Madras in July, 1944, and reared in a small tank at Calcutta.

The Pearl Spot bred in December last. A few young and two adult fish are exhibited in an aquarium.

The Pearl Spot is a representative of a group of fish extensively found in Africa and for this reason has attracted the attention of zoogeographers for a long time. Its closest ally is found in Madagascar.

7. GEOLOGICAL SURVEY OF INDIA.

Pitchblende.

The occurrence of pitchblende, associated with uranium ochre and triplite at a mica mine near Singar (Gaya district), was first recorded from India by Sir T. H. Holland; the mineral occurred as nodules in mica-pegmatite.

The specimen exhibited was obtained by Dr. H. Crookshank from Bisundni beryl mine, Ajmer-Merwara.

It was reported that a maund or so of Uranium-ore was originally extracted. Much of this was taken away by onlookers who were struck by the beauty of the material.

The Uranium-ores occurred along with beryl in masses of Cleavelandite near the quartz core of a very large pegmatite. Judging from the remains seen by Dr. Crookshank the ore occurred as a large irregular mass and not as a series of small nodules as in Bihar. The ore mass was however nodular.

The cores of the nodules consist of Pitchblende (80.27% U_3O_8), and the outer shells consist of Gunnite (red), Uranophane (orange—74.82% U_3O_8), and Autunite (pale lemon yellow—62.48% U_3O_8) in succession. There is also a purple mineral not yet determined but possibly Lepidolite.

Radium was first discovered from pitchblende or uraninite, which is the ore for uranium and radium. Uranium compounds are also used in chemistry, photography and medicines.

8. KENNETH HALL.

Aluminium in India.

Five operations are necessary to the manufacture of aluminium products for retail commercial sale or use by the general public. The exhibit contains small samples of the various materials and intermediate products which are involved in this manufacture, with photographs of some of the operations at plants of the Indian Aluminium Company, Ltd.

Bauxite is the raw material from which aluminium is produced. This is a soft ore of which India possesses ample resources in deposits in Bihar, the Central Provinces and Bombay Presidency. Mining operations are the first step in aluminium production. Photographs show mining activities at Belgaum Bauxite Mines. The sample of bauxite is from Lohardaga in Bihar.

The second step is the first actual manufacturing process consisting of the crushing, chemical treatment and calcining of the ore, whereby impurities such as silica, ferric oxide, etc. are eliminated and pure aluminium oxide or alumina is produced. The alumina on display is the material which will be produced at the ore plant at Muri Junction (B.N. Railway) near Ranchi.

Alumina is transformed into metallic aluminium in a reduction plant, by the use of an electrolytic process in which electric current is passed through a bath of molten cryolite. Alumina is fed into this bath and reduced to aluminium and oxygen, the molten aluminium collecting at the bottom of the bath and being drawn off at intervals to be cast into ingots. The sample aluminium ingot exhibited is from the first aluminium to be made in India, and was produced on 6th March, 1943, at the Aluminium Reduction Works of Indian Aluminium Company, Ltd., in Travancore State. Since that date, these works have been in full commercial production of virgin aluminium ingot. The reduction process requires large amounts of electric power, and the availability of this power is a prime factor in the establishment of such a plant. In the case of the reduction works in Alwaye, power is supplied by the Travancore State Hydro-Electric System. In producing one pound of aluminium, approximately four pounds of bauxite, 3/4 pounds of carbon electrode and ten kilowatt-hours of electricity are consumed. The display shows small samples of green petroleum coke, calcined coke, unbaked paste and baked carbon electrode, alumina, cryolite and fluorspar, used in the process.

The fourth step in processing aluminium is rolling the virgin ingot into sheets, or extruding aluminium into various sections. The sample of aluminium sheet exhibited was rolled at the Belur Works of Indian Aluminium Company, Ltd., which have been in commercial operation since 1941, and which are at present engaged in rolling aluminium sheet for aircraft and other war requirements. Equipment is being installed in these works at present for the production of strong alloy sheets (duralumin). This sheet aluminium is shipped either as rectangular sheets or as cut circles.

Fabricating plants receive sheets and circles for manufacture into the final products with which the public are familiar. In peacetime the sheets of aluminium may be used in the manufacture of railway wagons, autobus bodies, tramcars, etc. The circles may be manufactured into cooking utensils which are well known in India. The large tank on display is known as a jettison tank attached to an airplane to carry extra supplies of petrol, and can be abandoned when empty. The newest development in production of cooking utensils is the addition of colour forming an integral part of the surface of the material. The jettison tank and cooking utensils exhibited are manufactured locally by Messrs. Aluminium Manufacturing Company, Ltd., and Messrs. Jeewanlal (1929) Limited, at Crown Aluminium Works.

India is now producing its own supplies of aluminium, and has ample resources of bauxite ore and of electric power. The return of peace, with increasing industrialization, will bring in its train the extensive use in this country of aluminium in the home, in transportation, in industry, and in architecture—in short, wherever a metal possessing strength with lightness and a pleasing finish can be effectively used.

9. M. M. HAQ.

(1) *Al-Aghrād al-Tibbiya* (an encyclopaedia of medical sciences).

This valuable manuscript bears the autograph notes of the Khān Khānān 'Abdur Raḥīm and of Faṭḥullāh, the famous physician of Akbar and Jahāngir.

(2) An *Album* of the specimens of Muslim calligraphy containing, among others, *waṣṭis* from the pens of Sharifi and Wiṣāl (two Persian poets), and a *waṣṭi* (dated 937/1530) in the rare *ta'liq* style.

(3) An *Album* of the specimens of *Naskh* and *Nasta'liq* styles of calligraphy.

10. ROYAL ASIATIC SOCIETY OF BENGAL.

I. Library.

A. General Section.—A few of the rare items in the Library for a study of the history of the growth of the British power in India.

(1) Ovington, J: *Voyage to Surat in the year, 1689.* London, 1696.

(2) The Compleat History of Thomas Kuli Kan (at present called Shah Nadir), Sovereign of Persia. In two parts. London, 1742.

(3) Franklin, W: *History of the Reign of Shah-Aulum.* London, 1798.

(4) Hollingberry, W: *History of His Late Highness Nizam Alee Khaun, Soobah of the Dekhan.* Calcutta, 1805.

(5) Anderson, R. P: *History of the Reign of Bahadur Shah being an English translation of Tarikh-i-Bahadur Shahi.* Calcutta, 1860. (Cuttings from the *Englishman*, 1860.)

(6) *Memoire pour le Sieur Duplex, Contre la Compagnie des Indes, avec les pieces Justificatives.* Paris, 1759.

(7) *Reponse du Sieur Duplex a la Lettre du Sieur Godeheu.* Paris, 1763.

(8) *Memoire pour le Comte de Lally.* Paris, 1766.

(9) Holwell, J. Z: *Interesting Historical Events relative to the Provinces of Bengal and the Empire of Hindostan.* London, 1766.

- (10) Holwell, J. Z: India Tracts. London, 1774.
- (11) Vansittart, H: Narrative of the Transactions in Bengal from the year 1760 to the year 1764. 3 vols. London, 1766.
- (12) Verelst, H: View of the Rise, Progress, and Present State of the English Government in Bengal. London, 1772.
- (13) Five Letters from a free merchant in Bengal to Warren Hastings, Esq., Governor-General of the Honorable East India Company's Settlements in Asia; conveying some free thoughts on the Probable Causes of the Decline of the Export Trade of that Kingdom; and a Rough Sketch, or Outlines of a Plan for restoring it to its former Splendour. Reprint, London, 1783.
- (14) Hastings, Warren: Narrative of the Insurrection which happened in the Zemedyary of Banaris in the month of August 1781, and of the Transactions of the Governor-General in that District; with an Appendix of Authentic Papers and Affidavits. Reprint, Roorkee, 1853.
- (15) Trial of Maharajah Nundocomar, Bahader, for forgery. Published by authority of the Supreme Court of Judicature in Bengal. London, 1766. (Autograph Copy of Sir Elijah Impey.)
- (16) Letter to Edmund Burke, Esq.: on the latter part of the late Report of the Select Committee on the state of justice in Bengal. London, 1782.
- (17) Debates of the House of Lords, on the Evidence delivered in the Trial of Warren Hastings, Esquire. London, 1796.
- (18) History of Trial of Warren Hastings, Esq., Late Governor-General of Bengal, before the High Court of Parliament in Westminster Hall. London, 1796.
- (19) Fullarton, W: View of the English Interests in India, and an account of the Military Operations in the southern parts of the Peninsula, during the campaigns of 1782, 1783 and 1784. London, 1787.
- (20) Memoirs of the late war in Asia with a narrative of the imprisonment and sufferings of our officers and soldiers: by an officer of Col. Baillie's Detachment. London, 1788. 2 vols.
- (21) Robertson, W: Historical Disquisition concerning the knowledge the Ancients had of India; and the Progress of Trade with that Country prior to the discovery of the passage to it by the Cape of Good Hope. London, 1791.
- (22) Proceedings of the Agents appointed by the Officers of the East India Company's Armies, on the establishments of Bengal and Madras, for the purpose of obtaining a redress of the grievances peculiar to that service. 1795.
- (23) Authentic Memoirs of Tipoo Sultan, including his cruel treatment of English Prisoners . . . with a preliminary sketch of the Life and Character of Hyder Ally Cawn. By an Officer in the East India Service. Calcutta, 1820.
- (24) British India Analyzed. The Provincial and Revenue Establishments of Tippoo Sultaun and of Muhammadan and British Conquerors of Hindostan. London, 1795. 3 parts.
- (25) Dirom: Narrative of the Campaign in India, which terminated the war with Tippoo Sultan, in 1792. London, 1793.
- (26) Salmond, J: Review of the Origin, Progress, and Result of the Decisive War with the Late Tippoo Sultaun, in Mysore. London, 1800.
- (27) Roebuck, T: Annals of the College of Fort William . . . Compiled from Official Records. Calcutta, 1819.
- (28) Historical View of Plans for the Government of British India and Regulations of Trade to the East Indies and outlines of a Plan of Foreign Government, of Commercial Oeconomy, and of Domestic Administration for the Asiatic Interests of Great Britain. London, 1793.

B. Sanskrit Section.—Some old and unique manuscripts.

- (1) Uhaṅga (I.M. 9582): Country-made paper. Nāgarī. Śaṃvat 1377/1319 A.D.
Special interest attaches to the date of this manuscript, which appears to be the oldest copy of the work, now extant.
- (2) Śabda-prabheda of Maheśvara Kavi (I.M. 9656): Country-made paper. Nāgarī. Śaṃvat 1553/1495 A.D.
Maheśvara Kavi is said to be the author of *Śāhasāṅka-Carita*. Aufrecht does not mention this work.
- (3) Siddhāntasāra-kaustubha of Jagannātha (I.M. 1422): Country-made paper. Nāgarī. No date, c. 18th century A.D.
A translation of Almagest which is a collection of problems in Geometry and Astronomy drawn up by Ptolemy.
- (4) Rekḥāganita of Jagannātha (I.M. 1425): Country-made paper. Nāgarī. No date, c. 18th century A.D.
A treatise on Geometry. Jagannātha wrote the above two works for Jayasimha in 1730.
- (5) No title—a work on Vyākaraṇa (I.M. 3438): Country-made paper. Nāgarī. No date, c. 18th-19th century A.D.
A manual of Sanskrit Grammar with copious Persian notes in Devanāgarī character.

(6) Rasadīpikā of Ānandānubhāva Yogin (I.M. 3622): Country-made paper. Nāgarī. Saṁvat 1462/1404 A.D.

An important work of Hindu chemistry and medicine, copies of which are extremely rare. Only two other copies are known, both of them undated and apparently not very old. The author is perhaps the same as Ānanda, the Naiṣyika or Ānanda, the Vaidya, who flourished about the first-half of the 12th century A.D.

(7) Madanavinoda-nighaṇṭu (I.M. 3536): Country-made paper. Nāgarī. Saṁvat 1528/1470 A.D.

A well-known medical dictionary compiled under the patronage of Madanapāla in 1375 A.D. This copy dated within 100 years of the date of composition is of immense importance.

(8) Kālajñāna (I.M. 4441): Country-made paper. Nāgarī. Saṁvat 1606/1548 A.D.

A very good and rare work on Vaidyaka. The manuscript was copied at Thāneśvara during the reign of Salīm Shah, probably Islam Shah, son of Sher Shah.

(9) No title—a work on Vaidyaka (I.M. 5372): Country-made paper. Nāgarī. Saṁvat 1653/1595 A.D.

A number of prescriptions from Tantrik sources for various maladies.

(10) Viṣṇupurāṇa, books I–IV (I.M. 6685): Country-made paper. Nāgarī. No date, c. 13th century A.D.

Perhaps the oldest manuscript of the Viṣṇupurāṇa the present copy gives much better readings. The script of the manuscript exactly corresponds to that of an inscription dated Saṁvat 1265/1207 A.D., as given in *Bhāratiya Prācīna Lipimālā* by G. H. Ojha.

(11) Vāsisṭha Liṅgapurāṇa (I.M. 1734): Country-made paper. Nāgarī. Śāka 1476/1554 A.D.

This is a copy originally belonging to the reputed collection of Sanskrit Manuscripts of Sarvavidyānīdhāna Kavindrācārya Sarasvatī, a great Sanyāsi leader of the Hindu community, who was held in high esteem in the Durbar of Shahjahan. The only manuscript of the Purāṇa, known to Aufrecht, was Burnell's copy at Tanjore.

(12) Viśvādarśa of Kavikanṭhasarasvatī (I.M. 5928): Country-made paper. Nāgarī. No date, c. 16th–17th century A.D.

A comprehensive work on *Smṛti* in verse it is divided into *Ācārakāṇḍa*, *Vyavahārakāṇḍa* and *Prāyaścittakāṇḍa*. It is quoted by Hemādri.

(13) Nirṇayatattva or Prathita Tithivicāra of Nāgadeva Daivavid (I.M. 3005): Country-made paper. Nāgarī. Saṁvat 1821/1763 A.D.

A good little work on *Tithi* in about 100 verses it is based on *Nirṇayasindhu*. It refers to the customs of the Deccan. The manuscript was copied for Govinda Pantha, who might be the famous Mahratta General of the same name, who fought in the third battle of Panipat.

(14) An interesting manuscript (I.M. 5674) in Devanāgarī containing a collection of opinions on certain disputed points of Hindu Law, among which there is one put to the Professor of *Dharmaśāstra* of a college (*Pāṭha-śālā*) by 'Galandara Saheba'—the Principal of the College. No date, c. early 19th century A.D.

(15) Another interesting manuscript (I.M. 4931) of a work on *Smṛti* giving its decisions on many disputed points. Among others, it advocates the validity of the remarriage of a girl taken away by force and married, or given in marriage by her parents to an undesirable person. No date, c. 18th century A.D.

(16) Durgotsava-paddhati of Udayasīṁha (I.M. 6445): Country-made paper. Nāgarī. No date, c. 16th century A.D.

It is a work of great interest throwing a new light on Durgā liturgy. The military features of the festival, which have been omitted from all other *paddhatis* handed down to us, have been fully dealt with in this work by Udayasīṁha.

(17) Tattvāloka of Janārdana (I.M. 849): Country-made paper. Nāgarī. Saṁvat 1490/1432 A.D.

It is a work of great importance where the *Nyāya* system is criticized from the viewpoint of *Sāriraka-mahābhāṣya*. Only two other copies of the work were known to Aufrecht.

(18) Navinamata-vicāra of Harirāma Tarkavāgīśa (I.M. 586): Country-made paper. Nāgarī. No date, c. 18th century A.D.

The author was one of the 17th century celebrities of Bengal who made the name of Navadvīpa respected throughout India. He was the preceptor of Gadādhara, whose works, under the name of *Gadādhari*, are read all over India.

(19) Bhedasiddhi of Viśvanātha Nyāyapañcānana (I.M. 190): Country-made paper. Nāgarī. No date, c. 18th century A.D.

This work by the celebrated author of the *Bhāṣa-paricheḍa* is unknown to Aufrecht. It is a defence of the dualistic view of *Nyāya* against the non-dualistic *Vedānta*.

(20) Bhāvārthamālā of Nyāyavācaspati (I.M. 6754): Country-made paper. Nāgarī. No date, c. 18th century A.D.

The author, Nyāyavācaspati, is the son of Vidyānīvāsa, who is said to have been honoured by the ruler of Gauḍa, possibly Mānasīṁha. One of his works, *Bhāvavilāsa*, is stated to have been written in honour of Bhāvasīṁha, son of Mānasīṁha.

C. *Islamic Section.*—Some rare and unique works.*Arabic.*1. *Kharidat al-Qaṣr* (351—I):

An anthology of contemporary poets by 'Imād ad-Dīn al-Kātib al-Iṣfahānī (died 1201 A.D.) this work occupies a very important place in Arabic literature. It includes, with the exception of a few poets, the names of all the poets of 'Irāq, Syria, Mesopotamia, Egypt, North Africa, Spain and Sicily, who flourished between the years A.D. 1106 and 1176. Though copies of the work are found in European Libraries, they are only in fragments.

Copied in Naskh of the 12th century A.D.

The present copy is most important as it is the original draft of the author.

2. *Tuhfat al-Aḥbār fī Uṣūl al-Ḥadīth wa'l Akḥbār* (1084—III):

An entirely unknown work on the science of Ḥadīth by al-Ḥāfiẓ 'Abū Mafākhir 'Abdu'l-lah bin 'Abd ar-Raḥmān bin 'Abd al-Latif al-Ḥusaini al-Wā'iz. The work was composed in A.H. 830/1426 A.D. and the manner of treatment is methodical, scholarly and original.

Copied in very fine Naskh by 'Abd ar-Raḥmān al-Bahrāmī ash Shirāzī about the 15th century A.D.

No other copy of this important work is known so far to exist.

3. *Al-Kashshāf 'An Haqā'iqi't-Tanzīl* (58):

A commentary on Qur'ān by Abū'l-Qāsim Jāru'l-lah Maḥmūd bin 'Umar bin Muḥammad az-Zamakhsharī (died 1143 A.D.). It deals with Sūras 19-39.

Copied in Khorasani Naskh in A.H. 684/1285 A.D.

4. *Tabaqāt ash-Shāfi'iyat al-Wastā* (1334):

A biographical work on Shāfi'ī scholars by Taj ad-Dīn Abū Naṣr 'Abd al-Wahhāb bin 'Alī 'Abd al-Kāfi as-Subkī (died 1370 A.D.). The author was highly learned, specially in the Shāfi'ite school of Law, on which he became an authority.

Copied in old Naskh in A.H. 865/1460-61 A.D.

5. *Tadhkirat uli'l-Albāb bi Ma'rifat al-Ādāb* (1259):

A work on modes of behaviour and on the hygienic principles with regard to eating, sleeping, bathing, etc. by 'Abd ar-Ra'ūf bin Taj al-'Ārifin al-Munāwī (died 1622 A.D.).

Copied in Nasta'liq by Muḥammad in A.H. 1066/1655-56 A.D.

6. *Ar-Risālatu-fī Sanati'l-Uṣṭurlāb* (A. 1481):

A treatise by the well-known Muslim astronomer and Indologist, Al-Bīrūnī (died 1039 A.D.), on the construction and uses of Astrolabe.

Copied in Nasta'liq with diagrams about the 17th century A.D.

7. *Taḥrīr Uqlīdis* (1480):

The well-known *Elements of Euclid* according to the edition of Naṣīr ad-Dīn at-Ṭūsī (died 1274 A.D.).

Copied in semi-Naskh within gold-coloured borders with ornamented 'umwān about the 16th century A.D. Contains many fine diagrams.

*Persian.*1. *Āin-i-Akbarī* (128):

The celebrated work of Abū'l Faḍl.

Written in Nasta'liq within gold-ruled borders about the 18th century A.D. The copy contains illustrations of the arms and ornaments of the time.

2. *Akbar Nāmāh* (26 C.C.):

The famous work by Abū'l Faḍl.

Written in bold Nasta'liq within gold and coloured ruled borders with decorated 'umwān about the 18th century A.D.

3. *Mathnawī-i-Mawlawī* (207 C.C.):

The famous mystical Mathnawī of Jalālud Dīn Muḥammad bin Muḥammad Bahā'id-Dīn Rūmī.

Written by Mahrāmī within gold and coloured ruled borders, four columns, with a beautifully decorated 'umwān at the beginning in A.H. 909/1581 A.D.

4. *Futūhu'l Ḥarāmāyn* (655):

A versified description of the places of pilgrimage at Mecca and Medina by Muḥyī Lārī (died 1526-27 A.D.).

Written in Nasta'liq within coloured ruled borders with 'umwān about the 18th century A.D. The copy contains several illustrations.

5. Zīj-i-Jadīd-i-Sultānī (1485):

Astronomical Tables of Ulugh Beg, grandson of Timūr, compiled with the assistance of Ṣalāḥu'd-Dīn Mūsā and others.

Written in Nasta'liq about the 18th century A.D. It contains some illustrations.

6. Ṣaḥā'if-i-Sharā'if or Durarū'l-Manṣūr (1245—III):

Biographical sketches of Persian prose-writers of India and Irān by Muḥammad 'Askari al-Husaini Bilgrāmi. The Ṣaḥā'if was composed in A.H. 1213/1815-16 A.D. The work contains valuable data regarding the Persian prose-writers in general and contemporary Indian writers in particular. There are several interesting specimens of the compositions of the Mughal kings, princes and princesses.

Written in Nasta'liq about the beginning of the 19th century A.D. The present manuscript is the autograph copy of the author. No other copy is known to exist in any other Library.

7. Diwān-i-Anwarī (451):

Poems of Anḥadu'd-Dīn 'Alī Anwarī, a court poet of Sinjar, the Saljuqīdī (A.H. 511-552/1118-1157 A.D.).

Written in Khorasani Nasta'liq within gold and coloured ruled borders with an ornamented 'unwān by Muḥammad Qazwīnī Jūsāqī in A.H. 1008/1599 A.D.

8. Jauharu'dh-Dhāt (483):

A mystical Mathnawī poem by Farīdu'd-Dīn 'Abū Ḥāmid Muḥammad bin 'Abū Bakr Ibrāhīm an-Nishābūrī, surnamed 'Aṭṭār (died 1221 A.D.).

Written in calligraphic Nasta'liq within gold and coloured borders with good ornamented 'unwān about the 17th century A.D.

II. Publications in 1944.

(1) Journal:

(a) Letters, (b) Science, (c) Year-Book.

(2) Memoirs:

Mahāvvyutpatti, Part III.

(3) Bibliotheca Indica:

(a) Vajjālaggam, (b) Kuṭṭanīmatam, (c) Padmāvatī.

ANNUAL REPORT FOR 1944.

The Council of the Royal Asiatic Society of Bengal have the honour to submit the following report on the state of the Society's affairs during the year ending 31st December, 1944.

160th Anniversary.

The 160th Anniversary of the Society was celebrated on 3rd February, 1944, when Prof. A. V. Hill, F.R.S., M.P., Honorary Secretary of the Royal Society, London, gave an illuminating address on the 'Royal Society'. At its conclusion congratulatory messages from learned societies of India, Burma, China and Ceylon, and from distinguished personalities were read.

In commemoration of the 160th Anniversary, three outstanding scholars were elected as Special Anniversary Honorary Members.

Social Function.

In connection with the 160th Anniversary celebration, prior to the Commemoration lecture given by Prof. A. V. Hill, F.R.S., a Tea party was held on 3rd February to meet the distinguished speaker and other guests. The expenses of the party given to the guests were kindly borne by Dr. Muhammad Ishaque, M.A., Ph.D., a member of the Council, who was thanked for his generosity by the Council.

Patronage.

His Excellency The Rt. Hon'ble Richard Gardiner Casey, C.H., D.S.O., M.C., Governor of Bengal, has been graciously pleased to become a Patron of the Society.

Ordinary Members.*Gains and Losses.*

<i>Gains.</i>		<i>Losses.</i>	
Elections carried forward ..	3	Lapses of elections ..	4
New elections ..	106	Elections carried over ..	8
		Withdrawals of application ..	2
		Deaths ..	8
		Resignations ..	7
		Rule 38 ..	6
		Rule 40 ..	3
TOTAL ..	109	TOTAL ..	38

Initial total 412; net gain 71; final total 483.

Life Members.—The number at the end of the year is 61. One died, and four members compounded.

Deaths.

Dr. W. A. K. Christie (L.M. 1907).
 Sir P. C. Ray (1890).
 Bahadur Singh Singhi (1912).
 Lt.-Col. O. Berkeley-Hill (1936).

Siva Prasad Gupta (1919).
 D. E. W. Blaikie (1944).
 Seth Drucquer (1944).
 Dr. E. L. G. Clegg (1944).

The Society recorded with sincere regret the death of Acharya Prafulla Chandra Ray, Kt., C.I.E., recipient of the Sir William Jones Medal and one of the seniormost members and Ordinary Fellows of the Society; and of Dr. W. A. K. Christie, one of its past Presidents, General and Sectional Secretary for many years and another of the most senior of the Ordinary Fellows and Life Members.

The Council also recorded with deep regret the demise of the Hon'ble Dr. Sir Baron Jayatilaka, Kt., who was elected a Special Anniversary Honorary Member on the occasion of the commemoration of the 160th Anniversary of the foundation of the Society.

The Society and the scholarly world are the poorer owing to the death of these distinguished men of science and culture.

Associate Members.

The following two new Associate Members were elected during the year:—

1. Basanta Ranjan Ray.
2. Rev. F. A. Peter.

At the end of the year the number stands at 8; the statutory maximum is 15.

Ordinary Fellows.

At the Annual Meeting held on the 7th February, 1944, Dr. Girindrasekhar Bose was elected an Ordinary Fellow.

Sir P. C. Ray (1912) and Dr. W. A. K. Christie (1919) have died.

At the end of the year the number stands at 46; the statutory maximum is 50.

Honorary Fellows.

During the year no scholars were newly elected Honorary Fellows and the following two distinguished Fellows died:—

1. Sir David Prain (1920).
2. Dr. Heinrich Lueders (1939).

The number at the end of the year stands at 14; the statutory maximum is 30.

Special Anniversary Honorary Members.

During the commemoration of the 160th Anniversary of the foundation of the Society, the following distinguished scholars were elected Special Anniversary Honorary Members:—

1. Prof. A. V. Hill, F.R.S., M.P., Nobel Laureate, Secretary of the Royal Society, London.
2. The Hon'ble Dr. Sir Baron Jayatilaka, Kt., K.B.E., LL.D., M.A. (Oxon), Barrister-at-Law, Representative of the Government of Ceylon in India.
3. Dr. F. K. Li, Ph.D., Fellow, Academia Sinica, Chungking, China.

The Hon'ble Dr. Sir Baron Jayatilaka died during the year.

At the close of the year there remain only 10 Special Anniversary Members on the roll.

Institutional Members.

During the year the following two new institutions were admitted to this class of membership:—

1. Calcutta University Library.
2. Gaudiya Mission, Calcutta.

Their total number at the close of the year is 14.

Council.

The Council met 12 times during the year, the attendance averaged 11.

Committees of Council.

The Standing Committees of Council, namely, the Finance, Publication and Library Committees, met monthly. A special meeting of the Finance Committee was held in December to consider the Budget for 1945. The Bibliotheca Indica Committee met four times during the year.

The following Sub-Committees were appointed.—

Two permanent Advisory Boards—Scientific and Cultural—were constituted with powers to formulate Post-war Reconstruction schemes relating to Science and Culture. Such schemes, after due scrutiny by the Boards, are placed before the Council for their approval, and in due course forwarded to the proper authorities for necessary action.

Office.

Some changes have been effected during the year with regard to the accommodation of the office staff. The Librarian's room has been shifted to the southern side of the hall, and the office has been removed to the western side of the main hall. The members' reading room is now in the central room on the south of the building, where members and research scholars can work without being disturbed by the noise of typewriters, etc.

Staff.—Towards the close of the year, Mr. Siva Sanker Mitra, M.A., cataloguer, resigned, and Mr. D. L. Banerjee, B.A., with a certificate of Training in Librarianship, was appointed for one year in his place with effect from January, 1945, on Rs.100 with the dearness allowance of Rs.15 p.m.; Mr. P. C. Pal, M.A., who was working, since November, temporarily to arrange old records, files and archives of the Society, was appointed for another year from December on a salary of Rs.75 with dearness allowance of Rs.15 p.m.

During the year 123 meetings were held in the Society's Rooms. These were Monthly General Meetings, General Lectures, Council and Discussion Meetings, and meetings of various Boards and Standing Committees of the Society. In addition, arrangements had to be made on various occasions for meetings in the Society's hall of outside bodies. The administrative work in connection with all these matters was exceptionally heavy.

Consequent on applications made by certain members of staff for increase and higher grades of pay, the Council in its December meeting appointed a Board consisting of the Hon'ble Mr. Justice N. G. A. Edgley, Messrs. K. P. Khaitan,

W. D. West, N. Dutt and the General Secretary as members, to consider the pay and the conditions of service of the staff, to review their duties and to make such recommendations as appear necessary. This Board will meet in due course.

Subordinate Staff.—Certain minor changes were effected in connection with the subordinate staff, including the termination of the services of Duftry Nawab Jan and bearer Moinuddin with effect from November.

It may be recorded that, on the whole, the work of the staff was satisfactory.

Correspondence.

In spite of the war and curtailed activities of many offices in India and abroad, the number of letters received during the year was 2,117 and those issued were 2,885. In addition, during the year 190 Council, Committee and Board circulars were issued. Correspondence, as in the year before, engaged a considerable portion of the time of the office. Proposals dealing with post-war reconstruction, and now under submission by the Society, made heavy demands on the correspondence section.

Stock Room.

A complete stock-taking of the Society's publications for sale was made in December.

Rules and Regulations.

No changes were made in the Rules, but some additions were made to the Regulations regarding the Library with special reference to its administration. Regulations were adopted by the Council for the award of the newly instituted Rai Bahadur Sarat Chandra Roy Memorial Medal for Cultural Anthropology.

Representations.

Indian Museum.—The Society's representative on the Board of Trustees of the Indian Museum, under the Indian Museum Act X of 1910, continued during the greater part of the year to be Dr. J. N. Mukherjee; later, Mr. K. P. Khaitan undertook this duty.

Kamala Lectureship.—The Society's nominee to serve on the Selection Committee of the Kamala Lectureship, administered by the Calcutta University, was Dr. R. C. Majumdar.

National Institute of Sciences of India.—The Society's representatives to serve on the Council of the National Institute of Sciences of India for 1944 were Dr. W. D. West as Vice-President and Dr. D. M. Bose as Member.

Sarojini Bose Gold Medal.—The Society's nominee to serve on the Special Committee for the award of the medal administered by the Calcutta University was Dr. Bimala Churn Law.

Royal Asiatic Society of Great Britain and Ireland.—The Society's nominee for the Corresponding Fellowship of the Royal Asiatic Society of Great Britain and Ireland was Dr. S. K. Chatterji.

Indian Historical Records Commission.—The Society's representative to serve on the Commission was Mr. C. W. Gurner.

The Selection Committee for the appointment of Asutosh Professor of Mediaeval and Modern Indian History of the Calcutta University.—The Society's nominee to serve on the Selection Committee was Dr. R. C. Majumdar.

Advisory Board of Archaeology in India.—During the year, a communication was received from the Government of India, Department of Education, Health and Lands, New Delhi, informing the Society that it has been selected a member of the newly constituted Advisory Board of Archaeology in India. In terms of their requirement, the Council have nominated the Hon'ble Mr. Justice N. G. A. Edgley to represent the Society and to serve on the Board.

Deputations.

The Society has received invitations to send representatives to the following :—

The Silver Jubilee Special Convocation of the Patna University. Dr. S. P. Mookerjee was nominated to represent the Society.

The 6th All-India Library Conference at Jaipur. Khan Bahadur K. M. Asadullah was nominated to represent the Society.

The 7th Session of the Indian History Congress in Madras. Dr. R. C. Majumdar was nominated to represent the Society.

Awards.

Elliott Prize for Scientific Research.—No award was made for 1943 as the papers submitted by the candidates were not of sufficient merit.

The annual prize for 1944 will be announced at the Annual Meeting in 1945.

Barclay Memorial Medal.—The biennial award of the medal for conspicuously important contributions to Medical and Biological Science with reference to India, for 1943, was announced at the Annual Meeting in 1944. The medal was awarded to Sir Upendra Nath Brahmachari, Kt.

The next award of the medal will be made at the Annual Meeting in 1946.

Sir William Jones Memorial Medal.—The triennial award of the medal for conspicuously important Asiatic Researches in Philosophy, Literature and History, for 1943, was announced at the Annual Meeting in 1944. The medal was awarded to Sir Sarvapalli Radhakrishnan, Kt.

The next award of the medal will be made at the Annual Meeting in 1947.

Annandale Memorial Medal.—The next (triennial) award of the medal for important contributions to the study of Anthropology in Asia will be made at the Annual Meeting in 1946.

Joy Gobind Law Memorial Medal.—The triennial award of the medal for 1944 for conspicuously important work in Zoology in Asia will be made at the Annual Meeting in 1945.

Paul Johannes Brühl Memorial Medal.—The triennial award of the medal for 1944 for important contributions to the study of Asiatic Botany will be made at the Annual Meeting in 1945.

Indian Science Congress, Calcutta Prize.—The award of the prize in connection with the session of the Congress, held in Calcutta in 1943, was announced at the Annual Meeting in 1944. The medal was awarded to Prof. S. P. Agharkar, M.A., Ph.D., F.N.I., for the important services rendered by him to the Indian Science Congress Association as its General Secretary from 1924 to 1935.

Pramatha Nath Bose Memorial Medal.—The first and initial award of the medal for conspicuously important contributions to practical and theoretical Geology with special reference to Asia for 1943 was announced at the Annual Meeting in 1944. The medal was awarded to Sir Lewis L. Fermor, Kt., F.R.S., in recognition of his conspicuously important researches on the Archaean rocks of India.

Dr. Bimala Churn Law Gold Medal.—The first and initial award of the medal for conspicuously important contributions to any one of the following subjects—History, Geography, Philosophy, Religions, Ethnology, Folklore, Fine Arts and Architecture, with special reference to India from the earliest time down to the thirteenth century A.D., and to Bengali language, literature and philology—was announced at the Annual Meeting in 1944. The medal was awarded to Prof. Suniti Kumar Chatterjee, M.A., D.Lit., F.R.A.S.B., for his conspicuously important contributions to the Bengali language, literature and philology.

The next annual award of the medal will be made at the Annual Meeting in 1945.

Sarat Chandra Roy Memorial Medal.—Mrs. S. C. Roy has made a donation of Rs.4,000 for the institution of a gold medal to be bestowed annually on a person who is considered to have written the most outstanding book or monograph on any

aspect of the Cultural Anthropology of India in the English language, failing that in the Bengali language. She has given also Rs.250 to meet the cost of the first and initial award of the medal to be made at the Annual Meeting in 1945. The Council in accepting the donation have framed certain Regulations, in terms of which the first award will be made at the Annual Meeting in 1945.

Library.

The year 1944 witnessed a further progress in the re-organization of the Library.

The scheme of classification and cataloguing in the General Section introduced last year was steadily pursued and 7,337 volumes were dealt with by the end of December, 1944. In the Sanskrit Section nearly 13,000 manuscripts, belonging to the Indian Museum collection and the Society's collection, were briefly catalogued on slips according to the plan drawn up last year. It has been decided to publish a summary catalogue of the Indian Museum collection of manuscripts from these slips, and the work is in progress. There is also a proposal for preparing a full descriptive catalogue of the Rajasthani manuscripts in the possession of the Society. For this purpose, our Life Member Mr. G. D. Birla has promised a donation of Rs.5,000, but the work has to wait until the manuscripts, sent out on account of emergency conditions in Calcutta, are returned. The Burmese manuscripts were also examined by an officer of the Burma Government and negotiations are in progress for preparing a catalogue of these manuscripts by a Burmese scholar. In the Islamic Section the scheme of a brief catalogue of nearly 1,500 undescribed manuscripts has been adopted. The plan of re-organization was further extended to include the Sino-Tibetan Section, and the cataloguing of the Bstan-gyur collection was also undertaken, 704 works of which have been already completed. The plan thus comprises all sections of the Library, and it is satisfactory to report that at the present rate of progress the entire collection of books and manuscripts of all kinds in the possession of the Society will readily be available by a reference to the catalogue.

Certain important measures were undertaken this year to safeguard, as far as possible, the contents of the Library. The stock of the Library, distributed over the entire building both upstairs and downstairs, was assembled, for the want of a centralized one-way stock room, in several rooms, which were safeguarded by the provision of doors and wire-netting. The collection of Library books from different places involved the removal and re-erection of a number of racks, covering a linear space of approximately 750 feet, and a consequent dislocation and rearrangement of a large portion of the total stock. The Librarian's office and the Members' Reading Room were also removed to the wing, south of the main hall, which was similarly provided with doors and wire-netting, and rare books and reference works were stored here. As a result of these measures the major portion of the contents of the Library were displaced, and accordingly a rearrangement of the downstairs collection was taken in hand and completed during the year. It is proposed to arrange for a complete overhaul of the Library to be undertaken when the books and manuscripts are brought back from outside.

The disposition of the periodicals and serial publications, as will appear from Circular No. 160, dated 15-12-43, was not what it should be in a properly constituted Library. An arrangement of these in correct order has been undertaken and is still in progress. About 150 periodicals and serial publications were arranged during the year amounting to approximately 6,000 volumes.

A comprehensive scheme for the repair and preservation of the manuscripts and books in the Library was drawn up last year. The Government of India has sanctioned an additional grant of Rs.5,200, for one year in the first instance, as a Government contribution for this purpose. The scheme has been partially in operation during the year, but the full working has not been possible for reasons specified in the Librarian's note to the Library Committee, dated 5-9-44. With difficulty the essential chemicals have been procured and two fumigation chambers put into working order. Sterilization and fumigation have been in progress, but lamination has been delayed for want of a good paste. An application has been

made to the Government of India, and to the Civil Supplies and Rationing Departments, Government of Bengal, in order to obtain the fine quality of flour necessary for the manufacture of dextrine paste prepared by the Bengal Chemical and Pharmaceutical Works, Calcutta.

Altogether 940 old and deteriorated volumes were repaired and bound during the year as against 778 in 1943. A large number of old and rare books still remain to be bound and strengthened. In view of the scarcity of binding materials and corresponding rise in the cost of binding, an increased grant of money on this account is indicated. A proposal for a binding branch of the Society for ordinary work of this nature had to be postponed, some of the indispensable binding implements being not available or available only at an exorbitant cost.

The filling up of notable gaps in the collections of books in specialized subjects has received particular attention, and it is gratifying to record that in spite of difficulties in procuring works of this type at least 70 second-hand copies of rare and valuable publications were acquired during the year.

Improvements have also been effected during the year in the maintenance of the records and files of the Library.

Accessions.—The records of the last few years, as the following table will show, indicate a steady decline in the number of acquisitions to the Library and efforts are being made since November, 1943, to improve the position in this respect:—

	Gen. Sec.	Sans. Sec.	Isl. Sec.	Total.	Amount spent.			Budget Estimate.
					Rs.	A.	P.	Rs.
1940	..	296	94	24	414	1,276	1 9	3,000
1941	..	156	130	16	302	999	11 6	2,000
1942	..	132	17	1	150	626	5 6	1,000
1943	..	242	57	3	302	727	1 0	1,500
1944	..	469	241	48	758	1,926	9 3	2,000

Exclusive of periodicals the total number of accessions to the Library in all its sections, by purchase, presentation, exchange and review, is 758, perhaps a record figure as the available records would show. Three new manuscripts were also added to the Islamic Section by purchase. In the last four years (1940-43) a sum of Rs.3,870-12-3, out of Rs.7,500 allotted for book purchase, was not expended and allowed to lapse. It is a matter for satisfaction that nearly the whole of the amount intended for this purpose has this year been utilized.

Exchanges.—Only two journals have been added to the Library by exchange. They are (1) Harvard Journal of Asiatic Studies with retrospective effect from 1936, and (2) Bulletin of the Rama Varma Research Institute with effect from 1944. Exchange relations have however been established during the year between (1) the Kabul Academy, Kabul, (2) the Vangiya Sahitya Parishat, Calcutta, and (3) the Calcutta University. The number of accessions to the Library in consequence amount to 38, 131 and 183 respectively.

Reviews.—Fourteen volumes were added to the Library during the year as presentations under this head. The subject of speeding up the preparation of reviews in arrears was taken up and some improvement was effected in this direction. Of the 62 volumes received for review from September, 1939 to December, 1942, 43 reviews were outstanding in August, 1943, when the present Librarian took charge. Subsequently 43 were added with 23 received during 1943 and 1944, making a total of 66, of which 39 reviews had been obtained during the period from August, 1943 to December, 1944.

Bulletins.—The system of issuing classified bulletins for accessions to the Library was continued and twelve monthly bulletins and one consolidated for the year 1943 were issued during 1944. It is proposed to issue the consolidated bulletin for 1944 during January, 1945. The bulletins have proved useful to members and it is desirable that the annual bulletin should be printed and circulated to members in order that they be informed with regard to the recent acquisitions to the Library.

Loans.—Considerable use is being made of the Library, as the result of increased facilities due to its re-organization. In the General Section 899 volumes were lent out during 1944, the number being practically the same as in 1943, which recorded a distinct improvement over the previous years' figures. Issues of books for use within the Society numbered 1,262 in the General Section, i.e. more than double of the last year's figure.

In the Sanskrit Section the number of books lent out was 141 as against 116 in the last year. Manuscripts lent out numbered 15 as against 8 of the last year, and many such requisitions could not be met with on account of the manuscripts in question having been removed for reasons of safety. Books and manuscripts used within the rooms of the Society totalled 348 and 152 respectively as against 184 and 135 of the last year.

In the Islamic Section, however, the year records a fall in the number of books lent out, being 40 only as against 93 of the last year. Only two manuscripts were lent out as against 1 of 1943, and books and manuscripts used within the Society numbered 94 and 24 respectively as against 95 and 22 of the last year.

Overdue books.—Reminders were issued regularly for overdue books and arrangements have been made for collecting books from members' residences by Society's peons. As a result a fair number of books, remaining out for a long time, have been returned. Members should kindly note that according to No. 12 of the Library Regulations, as amended, an extension of the loan is allowed for one month only after the period of three months has elapsed.

Exhibitions.—Two exhibitions were organized during the year, one to commemorate the 160th year of the Society, and the other on the occasion of the visit of the new Director-General of Archaeology in India. Illustrative of the rich resources of the Library for the purposes of research and advanced studies the exhibitions were much appreciated by members and visitors alike. Detailed communications regarding rare and valuable manuscripts in the different collections of the Library were also made at the monthly meetings, the number of such manuscripts amounting to 21.

Microfilming.—Several requests for the supply of microfilm copies of manuscripts and books in the Library have been received, including one from the Library of Congress, Washington, for a copy of the Journal of the Astronomical Society of India, and another from the Director of National Museums, Ceylon, for copies of Sinhalese manuscripts in the Society's Library. Arrangements for copying have been made with the Indian Statistical Institute, Presidency College, Calcutta, where the Photostat Camera of the Society is now installed.

Permanent Library Endowment Fund.—The total amount now to the credit of this fund is Rs.18,694-7-8.

The above will no doubt indicate a decided improvement in the working of the Library in all its aspects, and if the Society is to do justice to its rich and varied collections every effort must be made to carry the plan of re-organization to a satisfactory conclusion.

Finances.

Appendix III contains the Statements showing the accounts for 1944. No change has been made in the form of their presentation.

During the year Rs.3,156 were received as admission fees and Rs.1,760 as compounding fees.

The Government of Bengal maintained the 20% cut in some of the grants made by them to the Society.

The Government of India maintained the 50% cut in the grant for the Arabic and Persian MSS. Fund (Statement No. 5).

The Government of India made during the year a non-recurring grant of Rs.5,200 towards the Library Fund for the preservation of books and MSS.

Government securities (3% Defence Loan and Victory Loan) to the extent of Rs.34,000 have been purchased during the year.

The Government securities, shown in Statement No. 24, are held in safe custody by the Imperial Bank of India, Park St. Branch. During the year there was an appreciation of the securities, thus increasing the book assets of the Society.

BUDGET ESTIMATE FOR 1945.

Ordinary Receipts.

	Budget estimate for 1944.	Actuals for 1944.	Budget estimate for 1945.
	Rs.	Rs.	Rs.
Interest on Investments and Deposits	9,900	10,000	10,280
	450	450	450
Advertising	10,200	10,200	10,200
Rent	10,800	10,800	10,800
Annual Grant from the Govt. of Bengal for the publication of the Journal	1,600	1,600	—
Miscellaneous	450	500	500
Members' Subscription	8,500	10,500	9,000
Publication Sales and Subscriptions to Journal and Memoirs	4,500	11,300	—
Proportionate Share for General Expenditure from—			
(1) Oriental Publication Fund No. 1 .. ..	..	..	1,560
(2) Sanskrit MSS. Fund .. ..	..	..	1,210
(3) Publication Fund .. ..	..	..	3,000
TOTAL ..	46,400	55,350	47,000

Extraordinary Receipts.

	Rs.	Rs.	Rs.
By Fees—			
by Admission Fees	800	3,220	1,280
by Compounding Fees .. ..	..	1,460	..
TOTAL ..	800	4,680	1,280

Ordinary Expenditure.

	Rs.	Rs.	Rs.
Salaries and Allowances	23,800	24,020	25,920
Commission	300	230	300
Stationery	1,000	850	900
Fan, Light and Telephone	800	1,070	900
Taxes	2,400	3,650	2,575
Postage	1,000	1,020	1,000
Contingencies	800	1,100	1,000
Petty Repairs	50	50	50
Insurance	800	855	855
Menials Clothing	50	265	300
Furniture	50	135	50
Building Repairs	1,000	1,000	1,000
Provident Fund Share	700	595	600
Audit Fees	250	250	250
Books, Library	2,000	1,700	2,000
Binding, Library	1,500	1,510	1,500
Journal and Memoirs	4,600	5,455	—
Printing Circulars, etc.	600	860	800
Dearness Allowance	3,500	4,700	4,800
Cataloguing, Library	1,200	1,135	1,200
TOTAL ..	46,400	50,450	46,000

Extraordinary Expenditure.

	Budget estimate for 1944.	Actuals for 1944.	Budget estimate for 1945.
	Rs.	Rs.	Rs.
To Permanent Reserve—			
By Admission Fees	800	3,220	1,280
Compounding Fees .. .. .	..	1,460	..
TOTAL ..	800	4,680	1,280

Publications.

The complete volume of the Journal for the year has been published and distributed to members and subscribers. The volume is composed of four numbers (1 Letters, 2 Science and 1 Year-Book).

Memoirs.—*Mahāvvyutputti* by A. Csoma de Körös, in English, Tibetan and Sanskrit has been published. This completes a work undertaken in 1910.

Bibliotheca Indica.

(i) The text of *Kuṭṭanīmatam*, edited by Pandit M. S. Kaul; has been published as fascicule 1.

(ii) *Padmāvatī*, English Translation by Mr. A. G. Shirreff, I.C.S., has been published; this completes a work undertaken in January, 1942.

(iii) *Vajjālaggam*, edited by J. Laber. Fascicule 3 has been published. This completes a work undertaken in 1914.

(iv) *Index of Amal-i-Salih.*—Pages 1–182 have been received from Dr. Yazdani and sent to the press. Pages 1–32 have been printed off.

Descriptive Catalogue of the MSS. in the possession of the Royal Asiatic Society of Bengal.

I. (i) *Descriptive Catalogue of Sanskrit MSS.*, Vol. X.—Astronomy and Astrology, prepared by MM. H. P. Shastri and revised and edited by Prof. P. C. Sen Gupta. Pages 1–288 have been printed. This completes half of the work.

(ii) *Descriptive Catalogue of Sanskrit MSS.*, Vol. XI.—Philosophy, prepared by MM. H. P. Shastri, and revised and edited by Prof. N. C. Vedantatirtha. Pages 1–112 have been printed.

II. (i) *Descriptive Catalogue of Arabic MSS.*, Vol. II.—Since the death of Shamsul Ulema Dr. M. Hidayet Hosain, this work has remained in abeyance. Dr. S. A. Imam was entrusted with its completion but no progress was made owing to his departure from Calcutta; it is proposed therefore to undertake the work departmentally.

(ii) *Descriptive Catalogue of Persian MSS.*—Dr. A. B. M. Habibullah was commissioned to prepare the third supplement to the *Descriptive Catalogue of Persian MSS.*

New Works sent to the Press.

The following works have been sent to the press:—

(i) *Ain-i-Akbari*, Vol. III, revised by Sir Jadunath Sarkar.

(ii) *Kols of India*, by Dr. W. G. Griffiths.

(iii) *Introducing India.*—This book consists of selected papers read at the Society's Discussion Meetings.

The following works are under preparation:—

(1) *Haft-Iqlim*, Vol. II by Prof. M. M. Haq.

(2) *Bhagavat Gītā* (in Persian verse) by Dr. B. Prashad.

(3) *Maithir-ul-Umarā*, Vol. II, English Translation by Dr. B. Prashad.

(4) *Ain-i-Akbari*, Vol. II, English Translation revised and edited by Sir Jadunath Sarkar.

Sales.

Since the introduction of the re-organization scheme in August 1943, published in the Year-Book for 1944, the sales of the Society have steadily increased. Revenues earned by sale of books were as follows:—

1943—				Rs. A. P.		
January to July	..	..	..	1,717	12	3
August to December (i.e. after the working of the new scheme)	..	..	..	4,397	8	9
TOTAL				6,115	5	0
1944—						
January to December	..	..	..	13,395	1	0

During 1944, the average monthly sales amounted to Rs.1,116, whereas the normal average for some years past had been between Rs.400 and Rs.500.

Cultural Activities.*(a) ORDINARY MONTHLY MEETINGS.*

These meetings were held regularly with the exception of the recess months, September and October. The average attendance was 14 members and 1 visitor. The maximum attendance was in July with 21 members and 3 visitors.

After the termination of the ordinary routine business of the Monthly Meeting in July, a Special Commemoration Meeting was held as a token of respect to the late Acharya Sir Prafulla Chandra Ray, Kt., C.I.E., D.Sc., F.R.A.S.B., who was the seniormost Ordinary Fellow of the Society.

(b) EXHIBITS.

At the Ordinary Monthly Meetings several interesting exhibits were shown and commented upon. The following may be mentioned:—

M. M. Haq: A beautiful Persian MS. of the sixteenth century of selected verses by well-known poets; A valuable Persian MS. of the Poems of Sanā'i, and the original illustrated Persian version of the Sanskrit Harivamśa.

General Secretary: Rare and interesting MSS. belonging to the Society's Library:—

Meghaduta, Tadhīb Sharh As-Sab' Al-Mu'allaqāt, Adāb-i-Alamgiri, Mālavikāgnimitram by Kālidāsa, Rasā'ilu'l-Ghazālī; Rasadīpikā, Sirāju'l-Mulūk; Latā'ifu'l-Akhbār.

(c) GENERAL.

In addition to the General Lectures and the Discussion Meetings, facilities were offered to members of the Allied Forces for study and research, and help was also rendered to institutions and scholars outside Calcutta on matters of antiquarian and historical interest.

(d) GENERAL LECTURES.

During the year five general lectures were delivered before fairly large audience of members and visitors:—

3rd February	..	Prof. A. V. Hill of the Royal Society of London on 'The Royal Society'.
15th February	..	Dr. Li Fang-Kuei on 'Some characteristics of the Chinese Language'.
20th March	..	Mr. A. J. Dash on 'Sikkim'.
4th November	..	Mr. T. N. Ramachandran and Dr. S. Paramasivan on 'South India—Its Archaeological Problems'. (Symposium.)
13th November	..	Dr. V. Elwin on 'Aboriginal Life' (illustrated by coloured films).

(e) DISCUSSION MEETINGS.

As stated in the Annual Report of last year, since 1942 Discussion Meetings were introduced as a part of the cultural activities of the Society. Invitations

to the meetings were extended to all members of the Allied Forces; the subjects chosen evoked considerable interest, and were all well attended. With the exception of the Pujah and the Christmas Holidays, regular Discussion Meetings were held every week and no less than 39 Meetings were held during the year. Many of these lectures were illustrated by lantern slides.

The Hon'ble Mr. Justice Edgley, Chairman of the Programme Committee, continued to be in charge of this branch of the Society's work. The Council are grateful to the British and American military authorities for their co-operation in making these meetings a success. In this connection our thanks are due to the British Amenities Branch for their contribution of Rs.500 towards the expense of the meetings and to the U.S. Army for their gifts of commodities required for providing light refreshments for the members of the Allied Forces, who were present on these occasions.

January 13th	.. The Hon'ble Mr. Justice N. G. A. Edgley: A glimpse of India thirteen hundred years ago.
" 20th	.. Mr. G. W. Tyson: The Impact of War upon the Industries of India.
" 27th	.. Dr. W. D. West: Modern Afghanistan.
February 10th	.. Mr. H. R. Wiltshire: Ceylon, ancient and modern.
" 17th	.. Mr. W. C. Wordsworth: Early History of the Press in India.
" 24th	.. Mr. H. Hobbs: Old Calcutta.
March 2nd	.. The Hon'ble Mr. Justice T. Ameer Ali: <i>Rex versus Nundocoomar</i> , —a famous State trial of the eighteenth century.
" 16th	.. Col. Charles L. Leedham: American Medicine in this war.
" 23rd	.. The Hon'ble Mr. Justice N. G. A. Edgley: A further glimpse of India 1,300 years ago.
" 30th	.. Dr. M. Z. Siddiqi: The life of the Prophet Mohammed and the Expansion of Islam.
April 20th	.. Major A. J. Gricius: Occupation of Sicily and Italy.
" 27th	.. Major Harry Hobbs: Old Theatres in India.
May 4th	.. Mr. Colin Cleghorn: Indian Life.
" 11th	.. Dr. Kalidas Nag: Early History of the Royal Asiatic Society of Bengal.
" 18th	.. Dr. P. J. Thomas: Economic Post-War Reconstruction.
" 25th	.. Mr. T. N. Ramachandran: Recent Archaeological Excavations in S. India.
June 8th	.. Col. D. L. Crane of the U.S. Army: The joint occupation of Iceland by British and American Forces.
" 15th	.. Dr. P. K. Ghose: Contribution of Medical men to Literature.
" 22nd	.. Lieut. E. Morgan: Bibliography.
" 29th	.. Mr. C. S. Mullan: The Hill Tribes of Assam.
July 6th	.. Pte. Cal Tinney: The Coming Presidential Election in the U.S.A.
" 13th	.. Lt.-Col. R. E. Mayne: Security and the Enemy's indirect attack.
" 20th	.. Dr. B. S. Guha: Hill Tribes on the Burma Frontier.
" 27th	.. Mr. L. R. Fawcus: Travels of Marco Polo.
August 3rd	.. Dr. Bimala Churn Law: Ancient Historical Sites of Bengal.
" 10th	.. Lt.-Col. William H. Cureton: Great Commanders of the Far East, Genghis Khan and Subotai.
" 17th	.. Mr. L. K. Elmhirst: Post-War Development in the Middle East.
" 24th	.. Dr. W. G. Griffiths: Social Customs of the Kol Tribe.
" 31st	.. Dr. S. L. Hora: Food and Game Fishes of Bengal.
September 7th	.. Sir Cyril Fox: Importance of Indian Minerals in connection with the war.
" 14th	.. Dr. S. K. Chatterjee: Places of Pilgrimage in India.
November 2nd	.. Rev. John Kellas: Future of Education in India.
" 9th	.. Mr. Colin Cleghorn: Indian Life.
" 16th	.. Dr. Amiya Chakrabarty: Tagore's Cultural Academy.
" 23rd	.. Mr. Colin Cleghorn: Indian Life.
" 30th	.. Mr. Sandford Gorton: The English Theatre.
December 7th	.. Capt. F. J. Hanus: German non-military methods for preparing war.
" 14th	.. Mr. Kenneth Hall: War-Time Production of Aluminium in India.
" 21st	.. Mr. Harindranath Chattopadhyaya: Songs of India.

The proposal has been made that a selection of the lectures delivered at the Discussion Meetings should be published in book-form with illustrations, and entitled '*Introducing India*'. For this purpose Dr. B. C. Law has been good enough to donate the sum of Rs.3,000 with a further sum of Rs.189-6-6 towards the

expenses of the reproductions of his own illustrations. The series of lantern slides used in his lecture he has also presented to the Society.

(f) PROPOSALS MADE BY THE SOCIETY FOR POST-WAR RECONSTRUCTION IN INDIA.

During the year, the Council considered the question of the participation by the Society in the post-war scientific, industrial and cultural reconstruction of India, and for this purpose two permanent Advisory Boards—scientific and cultural—were constituted with the object of preparing certain well-defined schemes relating to post-war reconstruction. These Boards held several meetings, severally and jointly, and with the approval of the Council, certain proposals on behalf of the Society were forwarded to the Governments of India and of Bengal. Proposals already submitted are as follows: (1) The establishment of a Travellers' Department in India; (2) The necessity for a Central Record Office in Bengal; (3) The future development of the Archaeological Department; (4) The establishment of a National Museum at New Delhi as a War Memorial; (5) The amendment of the Ancient Monuments Preservation Act; (6) The establishment of a School of Architecture and Planning in India. These Boards are considering further proposals, which in due course will be forwarded to the Government of India.

As an outcome of the several meetings of the Scientific Advisory Board, the Council have accepted their recommendation that a special volume entitled '*Science and Post-War Development in India*' be published. It is intended that it should interpret modern scientific developments in such a manner to the general educated public as to facilitate progress in this country along scientific lines. The volume will consist of 11 chapters, each written by an eminent authority, as follows:—

Chapter titles.	Authors.
1. Science and the Health of India	Dr. A. C. Ukil.
2. The Future of Animal Husbandry Work in India ..	Mr. C. E. Ballinger.
3. The Mineral Resources of India and their Utilization ..	Sir Cyril Fox.
4. The Fisheries of India	Dr. S. L. Hora.
5. Agriculture	Mr. C. H. Parr.
6. The Utilization of India's Forest Products	Mr. E. L. P. Foster and Dr. S. Krishna.
7. The Weather of India	Dr. S. K. Banerji.
8. The Utilization of India's Water Resources	Mr. H. M. Mathews and Mr. A. R. Thomas.
9. Archaeology as a National Asset	Dr. Mortimer Wheeler.
10. Aboriginal Tribes and their Administration	Dr. B. S. Guha.
11. Communications	Rai Bahadur N. C. Ghosh.

General.

Routine work in respect of the local distribution of the Society's publications, circulars, forms, etc. and the keeping up to date of the addresses of members was carried out as usual, but the posting of journals, etc., to belligerent and many neutral countries affected by the war had to be discontinued, or was restricted by delays in shipment.

Printers.

Under the able superintendence of Mr. G. E. Bingham, the Baptist Mission Press continued to act as chief printers and gave, as usual, complete satisfaction. Mention also may be made of the help rendered by the Directors of the Calcutta Oriental Press, the General Printers Ltd., and the Inland Printing Works in doing minor printing work for the Society.

Agencies.

The Society's European, American and Indian Agents remain the same. An extension of the list to other Asiatic countries could not be arranged owing to the unsettled world conditions.

Solicitors.

The Society is under obligation to its Solicitors, Messrs. B. N. Basu & Co., for prompt and valuable service rendered during the year. To the head of the firm,

Mr. J. N. Basu, it is specially indebted for his courtesy and ungrudging help on all occasions.

Conclusion.

The first President, Sir William Jones (1746-1795), by establishing the Asiatic Society of Bengal in 1784, laid the foundation of Oriental studies on a scientific basis at a time when the world was racked by wars and revolutions. Spending his early life during the period of the wars of the Austrian Succession and the Seven Years' War, he produced the first series of his *Asiatic Researches* from Calcutta in the very year of the French Revolution (1788-89). Now, in the midst of even more widespread disturbing conditions, and with revolutionary changes everywhere in contemplation, the Society is called upon to prepare for the bicentenary of the birth of its illustrious founder. His short life so earnestly dedicated to the spread of learning provides us with an abiding lesson that the creative powers of Man may rise superior to all the horrors and devastations of war.

Orientalism in general and Indology in particular have attained during the last two centuries their logical position in the world of Science and Letters. Egyptology, Semetic studies, and Biblical Archaeology in the Near East have progressed parallel with the growth of Indology in the Middle East and of Sinology in the Far Eastern field. Through the interchange of experiences of orientalist in the East and the West, it is now realized definitely the manner in which India received the Western Graeco-Roman influences, and how again India in her turn influenced Central Asia and China, Malayasia and Australasia, through centuries of cultural collaboration. The Royal Asiatic Society of Bengal holds the proud record of over 160 years of sustained research and of publication of this research. As such it is entitled to the highest form of academic and material support so that it may develop into the leading Cultural Academy of India and the East. Its unique collections of manuscripts are still waiting to be made available to scholars and to the public until such time as a special Utilization Fund permits of the employment of specialists who will assist in the interpretation of these rare documents. Each undeciphered inscription, each unidentified coin, or other archaeological specimen, and each unedited manuscript is a responsibility which it is the duty of the Society to discharge, for, if by chance these are lost, they are lost for ever. It is hoped that the forthcoming bicentenary of the Founder-President of the Society will evoke support for all these measures so as to develop adequately this institution where generations of scholars from the East and the West have collaborated to demonstrate that the contributions of India to the sum-total of learning throughout the ages have been of inestimable value.

APPENDIX I.

List of Publications issued by the Royal Asiatic Society of Bengal during 1944.

(a) Journal and Proceedings (Third Series):

						Rs.	A.	P.
(1)	Vol. X (Letters), No. 1	..	..	..	..	5	8	0
(2)	.. (Science), .. 1	..	..	..	..	3	8	0
(3)	.. (Science), .. 2	..	..	..	..	3	0	0
(4)	.. (Year-Book)	..	..	..	..	7	0	0

(b) Bibliotheca Indica :

(1)	Vajjalaggam, fasc. 3, edited by J. Laber	..	..	..	3	0	0
(2)	Kuṭṣanmatam Kāvyaṃ, fasc. 1, edited by Pandit M. S. Kaul	..	..	..	3	0	0
(3)	Padmāvatī, translated by Mr. A. G. Shirreff	8	8	0

(c) Memoirs:

(1)	Mahāvīyutpatti, Part III	8	8	0
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Abstract Statement
of
Receipts and Disbursements
of the
Royal Asiatic Society of Bengal
for
the Year 1944

STATEMENT No. 1.

General

Income and Expenditure Account

		Rs.	As.	P.	Rs.	As.	P.
To ESTABLISHMENT:							
Salaries and Allowances ..	..	24,064	5	0			
Commission ..	..	229	10	0			
War Allowances ..	..	4,728	15	0			
					29,022	14	0
GENERAL EXPENDITURE:							
Stationery ..	..	762	8	0			
Fans and Light..	..	645	6	0			
Telephone ..	..	416	5	0			
Taxes ..	..	3,649	13	0			
Postage ..	..	1,050	11	3			
Contingencies ..	..	1,126	3	9			
Printing Circulars, etc.	..	923	6	3			
Audit Fee ..	..	250	0	0			
Petty Repairs ..	..	50	8	0			
Insurance ..	..	853	2	0			
Menials' Clothing ..	..	265	2	6			
Furniture and Repairs ..	..	135	3	6	10,128	5	3
Purchase of Investments ..	..	....			10,047	5	4
LIBRARY AND COLLECTIONS:							
Cataloguing ..	..	1,135	8	0			
Books ..	..	1,926	9	3			
Binding ..	..	1,509	12	6	4,571	13	9
Provident Fund Contribution for 1944 ..	..	....			593	6	0
					54,363	12	4
Transfer to Building Repair Fund Account ..	..	....			1,000	0	0
SUNDRY ADJUSTMENT:							
Bad Debts written-off ..	..	....			804	11	0
BALANCE AS PER BALANCE SHEET ..	..	....			3,14,115	4	7
					3,70,283	11	11

Fund.

1944.

for the year ended 31st December, 1944.

		Rs. As. P.	Rs. As. P.
By BALANCE FROM LAST ACCOUNT	3,05,078 13 11

CASH RECEIPTS:

Interest on Investments	..	..	10,101 8 0
Interest on Fixed Deposits	..	..	450 0 0
Advertising	..	..	10,200 0 0
Rent	..	..	10,690 0 0
Miscellaneous	..	..	520 11 0
			<hr/>
			31,962 3 0

PERSONAL ACCOUNT:

Members' Subscriptions	..	..	11,487 0 0
Admission Fees	..	..	3,056 0 0
Compounding Fees	..	..	1,760 0 0
Institutional Members' Fees	..	..	100 0 0
Unclaimed Credit Balances	..	..	33 0 0
			<hr/>
			16,436 0 0

Investments purchased during the year			
credited at face value	..	..	10,000 0 0
Appreciation on Investments re-valued	..	..
on 31st December, 1944	..	..	6,806 11 0

3,70,283 11 11

STATEMENT No. 2.

Oriental Publication

From a monthly grant made by the Government of Bengal, for the publication (Rs.500, Less 20% from the 1st April, 1932), and for the

			Rs.	As.	P.
To Depreciation investments revalued					
on 31st December 1944	..	..		9	6 0
Purchase of Investments	..	..	5,016	10	8
Printing	..	..	537	0	0
Editing	..	..	58	0	0
Binding	..	..	249	0	0
Cataloguing	..	..	171	6	0
Balance as per Balance Sheet—					
Rs.5,000, 3% War Loan, 1951-54		Rs. As. P.	5,062	8	0
Rs.5,000 3% Victory Loan, 1957			4,990	10	0
Surplus at date	..		18,809	14	10
			28,863	0	10
			34,904	7	6

STATEMENT No. 3.

Oriental Publication

From an annual grant made by the Government of Bengal of Historical
(Less 20% from the

			Rs.	As.	P.
To Balance from last Account	..	..	6,292	12	7
			6,292	12	7

STATEMENT No. 4.

Sanskrit Manuscripts Fund

From an annual grant of Rs.3,200 made by the Government of Bengal
by the Society; and Rs.3,600
from the same Government

			Rs.	As.	P.
To Depreciation investment revalued					
on 31st December 1944	..	..		9	6 0
Purchase of Investments	..	..	5,016	10	8
Cataloguing	..	..	2,558	4	0
Binding	..	..	438	1	6
Repairs to MSS.	..	..	1,773	15	0
Balance as per Balance Sheet—					
Rs.5,000, 3% Victory Loan, 1957		Rs. As. P.	4,990	10	0
Surplus at date	..		16,373	11	7
			21,364	5	7
			31,160	10	9

Fund No. 1, in Account with R.A.S.B.

1944.

cation of Oriental Works and Works of Instruction in Eastern Languages
publication of Sanskrit Works hitherto unpublished, Rs.250.

			Rs.	As.	P.
By	Balance from last Account	.. ..	21,817	10	6
	Annual Grant .. ..	.. ..	7,800	0	0
	Interest realized during the year .. ..	.. ..	224	5	0
	Investments purchased during the year credited at face value .. ..	.. ..	5,000	0	0
	Appreciation on investments revalued on 31st December, 1944 .. ..	.. ..	62	8	0
			<hr/> 34,904 7 6 <hr/>		

Fund No. 2, in Account with R.A.S.B.

1944.

Rs.3,000 for the publication of Arabic and Persian Works of
Interest.
1st of April, 1932.)

			Rs.	As.	P.
By	Balance as per Balance Sheet	.. ..	6,292	12	7
			<hr/> 6,292 12 7 <hr/>		

Account, in Account with R.A.S.B.

1944.

for the publication of the Catalogue of Sanskrit Manuscripts acquired
(Less 20% from the 1st of April, 1932)
for Research Work.

			Rs.	As.	P.
By	Balance from last Account	.. ..	17,685	13	9
	Annual Grant .. ..	.. ..	3,200	0	0
	Non-recurring Grant from Central Govt. .. ..	.. ..	5,200	0	0
	Investments purchased during the year credited at face value .. ..	.. ..	5,000	0	0
	Interest realized during the year .. ..	.. ..	74	13	0
			<hr/> 31,160 10 9 <hr/>		

STATEMENT No. 5. *Arabic and Persian Manuscripts*

From an annual grant of Rs.5,000 made by the Government of India for
by the Society; for the purchase of further Manuscripts,
Manuscripts found in
(Less 50% from 1st April,

		Rs. As. P.	Rs. As. P.
To Balance from last Account	153 1 6
Purchase of MSS.	200 0 0
Balance as per Balance Sheet	2,146 14 6
			<u>2,500 0 0</u>

STATEMENT No. 6.

Barclay Memorial

From a sum of Rs.500 odd given in 1896 by the Surgeon
encouragement of Medical

		Rs. As. P.	Rs. As. P.
To Cost of a Medal	..	....	18 1 0
Balance as per Balance Sheet—			
Rs.700, 3½% G.P. Notes, 1854-55..	..	700 0 0	
Surplus at date	..	139 12 8	
			<u>839 12 8</u>
			<u>857 13 8</u>

STATEMENT No. 7.

Servants' Pension Fund

Founded in 1876 as the Piddington Pension Fund

		Rs. As. P.	Rs. As. P.
To Pension	..	....	132 0 0
Balance as per Balance Sheet—			
Rs.3,000, 3½% G.P. Notes, 1854-55	..	3,000 0 0	
Surplus at date	..	729 2 8	
			<u>3,729 2 8</u>
			<u>3,861 2 8</u>

Fund Account, in Account with R.A.S.B.

1944.

the cataloguing and binding of Arabic and Persian Manuscripts, acquired and for the preparation of notices of Arabic and Persian various Libraries in India. 1939.)

	Rs. As. P.	Rs. As. P.
By Annual Grant	2,500 0 0
		<hr/>
		2,500 0 0

Fund Account, in Account with R.A.S.B.

1944.

General, I.M.S., for the foundation of a medal for the and Biological Science.

	Rs. As. P.	Rs. As. P.
By Balance from last Account	816 8 8
Interest realized during the year	24 4 0
Appreciation on Investments revalued on 31st December, 1944	17 1 0
		<hr/>
		857 13 8

Account, in Account with R.A.S.B.

1944.

with Rs.500 odd from the Piddington Fund.

	Rs. As. P.	Rs. As. P.
By Balance from last Account	3,683 4 8
Interest realized during the year	104 12 0
Appreciation on Investments revalued on 31st December, 1944	73 2 0
		<hr/>
		3,861 2 8

STATEMENT No. 8.

Annandale Memorial Fund

From donations by subscription,

	Rs. As. P.	Rs. As. P.
To Balance as per Balance Sheet—		
Rs.4,000, 8½% G.P. Notes, 1854-55	4,000 0 0	
Surplus at date	834 14 9	
		4,834 14 9
		4,834 14 9

STATEMENT No. 9.

Permanent Library Endowment

From gifts received,

	Rs. As. P.	Rs. As. P.
To Balance as per Balance Sheet—		
Rs.14,000, 8½% G.P. Notes, 1854-55	14,000 0 0	
Surplus at date	4,693 7 8	
		18,693 7 8
		18,693 7 8

STATEMENT No. 10.

Sir William Jones Memorial

From a sum gifted for the purpose in

	Rs. As. P.	Rs. As. P.
To Cost of a Medal .. ..	....	489 9 0
Balance as per Balance Sheet—		
Rs.3,000, 8½% G.P. Notes, 1854-55	3,000 0 0	
Surplus at date	183 6 0	
		3,183 6 0
		3,672 15 0

STATEMENT No. 11.

Pramathanath Bose Memorial

From a sum gifted for

	Rs. As. P.	Rs. As. P.
To Cost of a Medal .. ..	....	276 4 0
Balance as per Balance Sheet—		
Rs.800, 8½% G.P. Notes, 1842-43	} 1,800 0 0	
Rs.1,000, ,, ,, 1865		
Surplus at date	238 12 0	
		2,038 12 0
		2,315 0 0

Account, in Account with R.A.S.B.

1944.

started in 1926.

	Rs. As. P.	Rs. As. P.
By Balance from last Account	4,598 14 9
Interest realized during the year	138 8 0
Appreciation on Investments revalued on 31st December, 1944	97 8 0
		<u>4,834 14 9</u>

Fund Account, in Account with R.A.S.B.

1944.

started in 1926.

	Rs. As. P.	Rs. As. P.
By Balance from last Account	17,863 3 8
Interest realized during the year	489 0 0
Appreciation on Investments revalued on 31st December, 1944	341 4 0
		<u>18,693 7 8</u>

Fund Account, in Account with R.A.S.B.

1944.

1926, by Dr. U. N. Brahmachari.

	Rs. As. P.	Rs. As. P.
By Balance from last Account	3,495 1 0
Interest realized during the year	104 12 0
Appreciation on Investments revalued on 31st December, 1944	73 2 0
		<u>3,672 15 0</u>

Fund Account, in Account with R.A.S.B.

1944.

the purpose in 1935.

	Rs. As. P.	Rs. As. P.
By Balance from last Account	2,212 6 0
Interest realized during the year	58 12 0
Appreciation on Investments revalued on 31st December, 1944	43 14 0
		<u>2,315 0 0</u>

STATEMENT No. 12.

Joy Gobind Law Memorial

From a donation for the purpose

	Rs.	As.	P.	Rs.	As.	P.
To Balance as per Balance Sheet—						
Rs.3,000, 3½% G.P. Notes, 1854-55	3,000	0	0			
Surplus at date	313	4	0			
				3,313	4	0
				3,313	4	0

STATEMENT No. 13. *Calcutta Science Congress Prize*

	Rs.	As.	P.	Rs.	As.	P.
To Cost of a Medal				508	8	0
Balance as per Balance Sheet—						
Rs.3,000, 3½% G.P. Notes, 1854-55	3,000	0	0			
Surplus at date	207	10	7			
				3,207	10	7
				3,716	2	7

STATEMENT No. 14.

Dr. Brühl Memorial

From a sum gifted for the purpose in

	Rs.	As.	P.	Rs.	As.	P.
To Balance as per Balance Sheet—						
Rs.1,000, 3½% G.P. Notes, 1854-55	1,000	0	0			
Surplus at date	280	13	0			
				1,280	13	0
				1,280	13	0

STATEMENT No. 15.

Dr. Bimala Churn Law

From a sum Gifted for the purpose

	Rs.	As.	P.	Rs.	As.	P.
To Cost of a Medal				436	0	0
Balance as per Balance Sheet—						
Rs.8,000, 3½% G.P. Notes, 1865 ..	8,000	0	0			
Surplus at date	447	14	0			
				8,447	14	0
				8,883	14	0

Fund Account, in Account with R.A.S.B.

1944.

in 1929, by Dr. Satya Churn Law.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			3,135	6	0
Interest realized during the year			104	12	0
Appreciation on Investments revalued on 31st December, 1944			73	2	0
				<hr/>		
				3,313	4	0

Fund Account, in Account with R.A.S.B.

1944.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			3,538	4	7
Interest realized during the year			104	12	0
Appreciation on Investments revalued on 31st December, 1944			73	2	0
				<hr/>		
				3,716	2	7

Fund Account, in Account with R.A.S.B.

1944.

1929, by the Brühl Farewell Committee.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			1,221	11	0
Interest realized during the year			34	12	0
Appreciation on Investments revalued on 31st December, 1944			24	6	0
				<hr/>		
				1,280	13	0

Gold Medal Fund Account, in Account with R.A.S.B. 1944.

by Dr. B. C. Law.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			8,270	0	0
Interest realized during the year			418	14	0
Appreciation on Investments revalued on 31st December, 1944			195	0	0
				<hr/>		
				8,883	14	0

STATEMENT No. 16.

Sarat Ch. Roy Medal

From a sum Gifted

	Rs.	As.	P.	Rs.	As.	P.
To Depreciation, on Investments revalued on 31st December, 1944 ..	....			7	8	0
Purchase of Investments ..	....			4,016	10	8
Balance as per Balance Sheet— Rs.4,000, 3% Victory Loan, 1957 ..	3,992	8	0			
Surplus at date ..	233	5	4			
				4,225	13	4
				8,250	0	0

STATEMENT No. 17.

Building Repair

	Rs.	As.	P.	Rs.	As.	P.
To Repairs during the year			3,891	2	6
Balance as per Balance Sheet			3,520	0	0
				7,411	2	6

STATEMENT No. 18.

Provident Fund

From contributions by the

	Rs.	As.	P.	Rs.	As.	P.
To Payments during the year ..	....			2,781	3	0
Cost of a stamp ..	....			0	1	0
Balance as per Balance Sheet— Rs.6,000, 3½% G.P. Notes, 1900-01 ..	6,000	0	0			
Rs.5,200, 3% G.P. Notes, 1963-65 ..	5,154	8	0			
Savings Bank and Advances ..	6,955	4	0			
				18,109	12	0
				20,891	0	0

STATEMENT No. 19.

Advances Account,

		Rs. As. P.	Rs. As. P.
To Balance from last Account	2,656 0 0
Payments during the year	740 0 0
			<u>3,396 0 0</u>

STATEMENT No. 20.

Personal

		Rs. As. P.	Rs. As. P.
To Balance from last Account	..	....	4,837 2 6
Advances	..	....	1,296 1 0
Unclaimed Credit Balances written back	..	33 0 0	
R.A.S.B.'s Subscriptions, etc.	..	16,403 0 0	
Book Sales, etc.	..	11,054 5 6	
			<u>27,490 5 6</u>

33,623 9 0

STATEMENT No. 21.

Publication Fund Account,

		Rs. As. P.	Rs. As. P.
To Depreciation on Investments revalued on 31st December, 1944	..	....	18 12 0
Purchase of Investments	..	....	10,033 5 4
Books returned	..	....	99 2 0
Journal and Proceedings	..	....	5,457 8 3
Advertisement	..	....	100 0 0
Binding	..	....	25 10 0
Balance as per Balance Sheet:			
Rupees 10,000, 3% Victory loan, 1957	..	9,981 4 0	
Surplus at date	..	15,056 8 11	
			<u>25,037 12 11</u>
			<u>40,772 2 6</u>

in Account with R.A.S.B.

1944.

		Rs. As. P.	Rs. As. P.
By Refunds during the year	1,345 0 0
Balance as per Balance Sheet	2,051 0 0
			<u>3,396 0 0</u>

Account.

1944.

		Rs. As. P.	Rs. As. P.
By Cash Receipts during the year	28,918 5 6
Books returned	99 2 0
Bad Debts written off, R.A.S.B.	804 11 0
Balance as per Balance Sheet	3,801 6 6

Outstandings.	Amount due to the Society.			Amount due by the Society.		
	Rs.	As.	P.	Rs.	As.	P.
Members	3,238	0	0	661	13	0
Subscribers, etc.	1,600	11	0	223	1	6
Bill Collector's Deposit	..	..	..	100	0	0
Miscellaneous	24	13	0	77	3	0
	<u>4,863</u>	<u>8</u>	<u>0</u>	<u>1,062</u>	<u>1</u>	<u>6</u>

33,623 9 0*in Account with R.A.S.B.*

1944.

		Rs. As. P.	Rs. As. P.
By Balance from last Account	..	....	11,202 6 6
Government Grant	..	....	1,600 0 0
Donation	..	....	3,500 0 0
Book Sales, etc.	..	11,054 5 6	
Cash Sale of Publications	..	3,265 12 6	
			<u>14,320 2 0</u>
Interest realized during the year	..	....	149 10 0
Investments purchased during the year credited at face value	..	....	10,000 0 0

40,772 2 6

STATEMENT No. 22. *Discussion Meeting Fund Running*

From sale proceeds

		Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account			306	14	3
Contingent charges (tea, etc.)			557	7	6
					<hr/>	<hr/>	<hr/>
					864	5	9

STATEMENT No. 23. (1) *Deposit Account (Savings Bank*

		Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account	..	....			5,456	10	0
Deposit of Interest realized from							
loans during the year	..	14	10	0			
Deposit of Contributions during the							
year	..	1,186	12	0			
Deposit of Advances returned	..	1,345	0	0			
					<hr/>	<hr/>	<hr/>
					2,546	6	0
Interest for the year	..	....			422	8	0
					<hr/>	<hr/>	<hr/>
					8,425	8	0

STATEMENT No. 24. (2) *Deposit Account (Fixed Deposit*

		Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account			30,000	0	0
					<hr/>	<hr/>	<hr/>
					30,000	0	0

Account, in Account with R.A.S.B.

1944.

of Tickets.

	Rs.	As.	P.	Rs.	As.	P.
By Contributions			558	8	0
Balance as per Balance Sheet			305	13	9
				<hr/>	<hr/>	<hr/>
				864	5	9

Deposit with Imperial Bank of India).

1944.

	Rs.	As.	P.	Rs.	As.	P.
By Withdrawal for Staff Advances, etc.			3,521	3	0
Cost of a stamp			0	1	0
Balance as per Balance Sheet			4,904	4	0
				<hr/>	<hr/>	<hr/>
				8,425	8	0

with Imperial Bank of India).

1944.

	Rs.	As.	P.	Rs.	As.	P.
By Balance as per Balance Sheet			30,000	0	0
				<hr/>	<hr/>	<hr/>
				30,000	0	0

STATEMENT No. 25.

(3) Investments

				Rs.	As.	P.
To Balance from last Account	..	..	..	3,34,318	12	0
Purchases during the year	..	..	..	34,000	0	0
Appreciation on Investments revalued on 31-12-1944	..	..	..	7,988	8	0
				3,76,307	4	0

Face Value Rs.	FUNDS.	Rate @ Rs. %	31st December, 1944, Valuation.		31st December, 1943, Valuation including * purchases during the year.		Appreciation or * Depreciation.	
			Rs.	A. P.	Rs.	A. P.	Rs.	A. P.
	ROYAL ASIATIC SOCIETY OF BENGAL.							
	PERMANENT RESERVE.							
16,700	8½% G.P. Notes, 1942-43							
1,58,700	8½% G.P. Notes, 1954-55							
44,800	8½% G.P. Notes, 1935							
6,000	8½% G.P. Notes, 1979							
88,000	8½% G.P. Notes, 1900-01							
2,58,700	3% G.P. Notes, 1896-97	100/-	2,58,700	0 0	2,47,516	1 0	6,183	15 0
500	8% G.P. Notes, 1896-97	91/4-	456	4 0	428	12 0	82	8 0
	TEMPORARY RESERVE.							
12,000	8½% G.P. Notes, 1900-01	100/-	12,000	0 0	11,707	8 0	292	6 0
11,400	4½% Loan, 1955-60	117/4-	18,868	8 0	18,181	0 0	185	4 0
5,000	8% War Loan, 1951-54	101/4-	5,062	8 0	5,000	0 0	62	6 0
10,000	8% Defence Loan, 1958-55	100/8-	10,050	0 0	*10,000	0 0	50	0 0
	ORIENTAL PUBLICATION FUND No. 1.							
5,000	8% War Loan, 1951-54	101/4-	5,062	8 0	5,000	0 0	62	8 0
5,000	8% Victory Loan, 1957	99/13-	4,990	10 0	*5,000	0 0	*9	6 0
	SANSKRIT MSS. FUND.							
5,000	8% Victory Loan, 1957	99/13-	4,990	10 0	*5,000	0 0	*9	6 0
	BARCLAY MEMORIAL FUND.							
700	8½% G.P. Notes, 1854-55	100/-	700	0 0	682	15 0	17	1 0
	SERVANTS' PENSION FUND.							
3,000	8½% G.P. Notes, 1854-55	100/-	3,000	0 0	2,923	14 0	78	2 0
	ANNANDALE MEMORIAL FUND.							
4,000	8½% G.P. Notes, 1854-55	100/-	4,000	0 0	3,902	8 0	97	8 0
	PERMANENT LIBRARY ENDOWMENT FUND.							
14,000	8½% G.P. Notes, 1854-55	100/-	14,000	0 0	13,658	12 0	341	4 0
	SIR WILLIAM JONES MEMORIAL FUND.							
3,000	8½% G.P. Notes, 1854-55	100/-	3,000	0 0	2,926	14 0	78	2 0
	PRAMATHANATH BOSE MEMORIAL FUND.							
800	8½% G.P. Notes, 1842-43	100/-	1,800	0 0	1,756	2 0	43	14 0
1,000	8½% G.P. Notes, 1865							
	JOY GORIND LAW MEMORIAL FUND.							
3,000	8½% G.P. Notes, 1854-55	100/-	3,000	0 0	2,926	14 0	78	2 0
	CALCUTTA SCIENCE CONGRESS PRIZE FUND.							
3,000	8½% G.P. Notes, 1854-55	100/-	3,000	0 0	2,926	14 0	78	2 0
	DR. BRÜHL MEMORIAL FUND.							
1,000	8½% G.P. Notes, 1854-55	100/-	1,000	0 0	975	10 0	24	6 0
	DR. BIMALA CHURN LAW GOLD MEDAL FUND.							
8,000	8½% G.P. Notes, 1865	100/-	8,000	0 0	7,805	0 0	195	0 0
	SARAT CH. ROY MEDAL FUND.							
4,000	8% Victory Loan, 1957	99/13-	3,992	8 0	*4,000	0 0	*7	6 0
	PUBLICATION FUND.							
10,000	8% Victory Loan, 1957	99/13-	9,981	4 0	*10,000	0 0	*18	12 0
	PROVIDENT FUND.							
5,200	8% Loan (1963-65)	99/2/-	5,154	8 0	5,148	0 0	6	8 0
6,000	8½% G.P. Notes, 1900-01	100/-	6,000	0 0	5,853	12 0	146	4 0

*Account.**1944.*

			Rs.	As.	P.
By Balance as per Balance Sheet	..	..	3,76,307	4	0

3,76,307 4 0

STATEMENT No. 26.

Cash

For the year ended 31st

To	Rs.	As.	P.	Rs.	As.	P.
Balance from last Account	50,373	12	8			
General Fund Account	31,962	3	0			
Oriental Publication Fund No. 1 Account ..	8,024	5	0			
Sanskrit Manuscripts Fund Account ..	8,474	13	0			
Arabic and Persian Fund Account ..	2,500	0	0			
Barclay Memorial Fund Account ..	24	4	0			
Servants' Pension Fund Account ..	104	12	0			
Annandale Memorial Fund Account ..	138	8	0			
Permanent Library Endowment Fund Account ..	489	0	0			
Sir William Jones Memorial Fund Account ..	104	12	0			
Pramathanath Bose Memorial Fund Account ..	58	12	0			
Joy Gobind Law Memorial Fund Account ..	104	12	0			
Calcutta Science Congress Prize Fund Account ..	104	12	0			
Dr. Brühl Memorial Fund Account ..	34	12	0			
Dr. Bimala Churn Law Gold Medal Fund Account ..	418	14	0			
Provident Fund Account	1,201	6	0			
Advances Account	1,345	0	0			
Personal Account	28,918	5	6			
Publication Fund Account	8,515	6	6			
Discussion Meetings Fund Running Account ..	558	8	0			
Savings Bank Deposit Account, Imperial Bank of India, Calcutta	3,521	3	0			
	1,46,978	0	8			

Account.

1944.

December, 1944.

By	Rs. As. P.	Rs. As. P.
General Fund Account	54,363 12 4
Oriental Publication Fund No. 1 Account	6,032 0 8
Sanskrit Manuscripts Fund Account	9,786 15 2
Arabic and Persian Manuscripts Fund Account	200 0 0
Barclay Memorial Fund Account	18 1 0
Servants' Pension Fund Account	132 0 0
Sir William Jones Fund Account	489 9 0
Pramatha Nath Bose Fund Account	276 4 0
Calcutta Science Congress Fund Account	508 8 0
Dr. Bimala Churn Law Fund Account	436 0 0
Sarat Ch. Roy Fund Account	4,016 10 8
Building Repair Fund Account	3,891 2 6
Provident Fund Account	2,781 3 0
Advances Account	740 0 0
Personal Account	1,296 1 0
Publication Fund Account	15,616 7 7
Discussion Meetings Running Account	557 7 6
Savings Bank Deposit Account, Imperial Bank of India	2,546 6 0
Balance as per Balance Sheet—		
In hand	25 12 3
With the Imperial Bank of India, on Current Account	43,263 12 0
		<hr/>
		1,46,978 0 8
		<hr/>

STATEMENT No. 27.

Balance

As at 31st

LIABILITIES.

	Rs.	As.	P.	Rs.	As.	P.
General Fund Account	3,14,115	4	7		
Oriental Publication Fund No. 1 Account	28,863	0	10		
Sanskrit Manuscripts Fund Account	21,364	5	7		
Arabic and Persian Manuscripts Fund Account	2,146	14	6		
Barclay Memorial Fund Account	839	12	8		
Servants' Pension Fund Account	3,729	2	8		
Annandale Memorial Fund Account	4,834	14	9		
Permanent Library Endowment Fund Account	18,693	7	8		
Sir William Jones Memorial Fund Account	3,183	6	0		
Pramathanath Bose Memorial Fund Account	2,038	12	0		
Joy Gobind Law Memorial Fund Account	3,313	4	0		
Calcutta Science Congress Prize Fund Account	3,207	10	7		
Dr. Brühl Memorial Fund Account	1,280	13	0		
Dr. Bimala Churn Law Gold Medal Fund Account	8,447	14	0		
Sarat Ch. Roy Medal Fund Account	4,225	13	4		
Building Repair Fund Account	3,520	0	0		
Provident Fund Account	18,109	12	0		
Publication Fund Account	25,037	12	11		
Personal Account—Sundry Liabilities	1,062	1	6		
		4,68,014	2	7		

We have examined the above Balance Sheet and the appended detailed accounts with the Books and Vouchers presented to us and certify that they are in accordance therewith, and, in our opinion, set forth correctly the position of the Society as at 31st December, 1944.

PRICE, WATERHOUSE, PEAT & Co.,

Calcutta,
29th January, 1945.

Auditors,
Chartered Accountants,
Registered Accountants.

1944.

December, 1944.

ASSETS.

	Rs.	As.	P.	Rs.	As.	P.
Oriental Publication Fund No. 2 Account ..	.....			6,292	12	7
Advances Account	2,051	0	0			
Personal Account—Sundry Outstandings ..	4,863	8	0			
				6,914	8	0
Discussion Meetings Fund Running Account	....			305	13	9
Deposits:—						
Savings Bank Deposit Account, Imperial Bank of India	4,904	4	0			
Fixed Deposit Account, Imperial Bank of India	30,000	0	0			
				34,904	4	0
Investments Account .. .. .	....			3,76,307	4	0
Cash Account:—						
In hand	25	12	3			
With the Imperial Bank of India, on Current Account	43,263	12	0			
				43,289	8	3
				4,68,014	2	7

C. W. GURNEK,
Honorary Treasurer.

[APPENDIX IV.]

Abstract Proceedings, Council, 1944.

(Rule 48 f.)

ADVISORY BOARDS, RECOMMENDATIONS OF.—General Secretary read out a letter from Mr. C. W. Gurner relating to the opening of a reading library for the services at the Society's rooms. The proposal was accepted and they decided to start the work at once to the benefit of officers and other ranks. Librarian should be informed accordingly. The General Secretary also read a letter from Sir Cyril Fox, who could not attend, but who announced in his letter that he would soon be ready with two reports: (1) on the present shortage of coal, and (2) on the mineral resources of India. The letter was also communicated by the General Secretary to the joint sitting of the Cultural and Scientific Boards. (1) The Chairman communicated to the members of the Board the general plan for the publication of the more important talks given at the Society's Discussion Meetings, and it was also resolved (a) to appoint a Board of Editors composed of the Chairman (Hon'ble Mr. Justice Edgley), Dr. B. C. Law (who offered Rs.3,000 to meet the expenses, an offer for which the thanks of the Boards as well as of the Society should be communicated to Dr. Law), Mr. L. R. Fawcus, Mr. K. P. Khaitan and Dr. K. Nag; (b) the manuscripts of the lectures or summaries thereof to be invited from the authors who should be informed that the talks would be published either in full or in part, and that the Board should have full editorial discretion in the matter; (c) with regard to papers not relating to India, their inclusion in the volume and such other questions may be referred to the next meeting of the Board; (d) the Board would put forward schemes to be considered by the Government in connection with the Post-War Reconstruction plan. (2) Among others the following should be given immediate consideration: (a) the plan for a school of Indian Architecture; (b) the question of a Central Museum of Archaeology as suggested in the valuable report of Sir Leonard Woolley; (c) the encouragement of non-official agencies for the purpose of co-operating with the Archaeological Department in exploration work; (d) the development of a plan for Tourist Traffic in connection with Post-War Reconstruction—a scheme for which the Chairman has already prepared the ground. Mr. L. R. Fawcus suggested that development of national parks should be taken to foster interest in the museums and their collections in various parts of India. It was also decided that members of the Society should be asked to submit suggestions to the Board with regard to other matters to which the attention of Government might be properly directed in connection with the formulation of schemes for Post-War Reconstruction. Cul. Adv. Bd. No. 4. 6-3-44.

Recommendations of the Scientific and Cultural Advisory Boards. Accept. Dr. R. C. Majumdar and Mr. W. D. West (Secretary, Scientific Advisory Board, be co-opted on the Editorial Board of the special publication referred to in item No. (1)(a) stated above. In this connection, the Hon'ble Mr. Justice Edgley reported receipt of an amount of Rs.500 from the Welfare and Amenities Branch of the British Army (through Major N. A. Ellis) to meet refreshment expenses of the Discussion Meetings and a promise made by the U.S.A. Army Head Office (through Capt. Stauffer) to supply provisions for free refreshments to the soldiers and officers of the Army attending the Discussion Meetings. The Council accepted these offers, and resolved to convey their thanks to the authorities concerned. Council No. 6. 22-3-44.

Correspondence with regard to the preservation of old records of historical value from Mr. C. W. Gurner, a member of the Indian Historical Records Commission. (a) Record with thanks to Mr. Gurner for bringing this matter to the notice of the Council. (b) Arrange to duplicate and index the pre-Mutiny records that are in the Society's possession. (c) Engage a temporary assistant knowing typewriting for this specific work and for arranging the files that will be made over to the Society by the High Court on grade Rs.50—3—30 and refer to the Finance Committee for provision of money. (d) A memorandum showing the desirability of establishing a central Record Office for Bengal be prepared by the General Secretary, in consultation with Mr. L. R. Fawcus and be forwarded to the Governments of Bengal and of India. (e) These resolutions be placed before the next meeting of the Cultural Advisory Board for their consideration. Council No. 3. 23-6-44.

Consideration of replies received by the Society in response to the circular sent to all the members asking them suggestions (scientific and cultural) for Post-War Reconstruction. Record. (1) The general question was discussed with regard to the procedure to be adopted in making recommendations in connection with Post-War Reconstruction in cultural and scientific matters. It was resolved that the most convenient course to adopt would be for the Board to discuss separately each project which might be brought before it, and then embody the results of the discussion with regard to each matter in the form of a draft letter to the Department of Government concerned, the drafts with regard to each subject being placed before the Council for final approval before being issued. Copies of such letters should also be sent to the appropriate Post-War Reconstruction Committees. (2) Mr. Justice Edgley read a note with regard to the Archaeo-

logical Department and Post-War Reconstruction. After some discussion it was decided that he should be asked to prepare a draft letter for the consideration of the Council on the basis of this note, and to include therein a further recommendation with regard to the establishment of Travelling Archaeological Museums. (3) It was further resolved that Mr. Justice Edgley should be asked to prepare a draft on the basis of his note regarding the development of the tourist traffic in India after the war, in which it might be suggested that the Society would be prepared to co-operate with the proposed Travellers Department in giving advice to travellers on cultural matters, in introducing them to scholars and learned Societies and in compiling suitable hand-books about places of historical interest. (4) Record with thanks to Dr. W. D. West for the helpful note prepared by him on the basis of the replies received to the circular letter sent to the members. (5) Accept the suggestion of Dr. West regarding the preparation of a series of popular and illustrated booklets relating to the progress of Scientific Studies in Bengal with special reference to Bengal. Dr. West be requested to draw up a scheme for such a series of publications which would enable the Society to act as a liaison authority between the specializing bodies on the one hand and the interested public on the other. (6) Resolved that a special meeting of the Scientific Board be convened if possible before the next Council Meeting. (7) Record with thanks the notes prepared by Sir Cyril Fox on coal shortage and mineral resources of India. It was decided that his suggestions should be further considered at a meeting of the Scientific Advisory Board. Cul. & Sc. Adv. Bd. No. 1. 30-8-44.

Resolutions passed by the Council at their meeting on 23-6-44 on 'correspondence with regard to the preservation of old records of historical value from Mr. C. W. Gurner, a member of the Indian Historical Records Commission'. The notes recorded by Mr. Fawcett, Mr. Gurner and Mr. Justice Edgley were discussed. It was resolved that Government should be asked to expand the existing Historical Record Department into a Central Provincial Record Office to be housed in a building to be erected on a suitable site—preferably on part of the plot of land recently acquired to the north of the High Court. The Department would be under the control of the provincial Government, and to it would be transferred all the pre-Mutiny records of Government and the High Court (including such records from the mofussil) as might be conveniently transferred without causing administrative inconvenience. Arrangements for the re-organization of the records, their publication and making them available to research students would be made on the basis of the system which is now adopted by the Government of Bengal. As regards historical documents in private possession, Government might be asked to address persons likely to be in the possession of such documents with a view to ascertaining their nature and possible historical value. Mr. Justice Edgley was asked to prepare a draft letter on these lines for the consideration of the Council. Cul. & Sc. Adv. Bd. No. 2. 30-8-44.

Suggestion from Prof. A. V. Hill (communicated through Sir John Lort-Williams) that the Society should establish contact with the American Philosophical Society, Philadelphia, recently celebrating its bi-centenary (1743-1943). Record with thanks the suggestion of Prof. A. V. Hill, communicated by Sir John Lort-Williams; note be prepared on possible lines of collaboration with the American Philosophical Society for circulation. Cul. & Sc. Adv. Bd. No. 3. 30-8-44.

Draft of three letters prepared by the Hon'ble Mr. Justice Edgley *re* Post-War Cultural Reconstruction schemes. Thank Mr. Justice Edgley for the troubles he took in preparing the drafts. The drafts are approved and be sent to the departments concerned on behalf of the Society. Council No. 6. 8-9-44.

Recommendations of the Scientific Advisory Board meeting held on 5-9-44. Accept. The Board be requested to supply a panel of Editors and contributors for the preparation of the special book suggested by Dr. W. D. West. Council No. 7. 8-9-44.

Recommendations of the Scientific Advisory Board meeting held on 6-11-44. Dr. Guha and Dr. Elwin were co-opted as members of the joint Boards. Dr. Grant made a report with regard to the action taken by the Scientific Advisory Board since the last meeting. It was agreed (i) that as recommended by the Scientific Advisory Board a single volume rather than a series of booklets should be published by the Society, (ii) that Dr. West should be appointed the editor of the volume and that in this connection he should work with the co-operation of the members of the Scientific Advisory Board. He was also authorized to conduct all necessary correspondence with possible collaborators in connection with this work, (iii) it was recommended that the title of the volume should be 'Science and Post-War Development in India', (iv) each chapter should be written by a separate author and should be about 5,000 words long and should be well illustrated, (v) the following suggestions with regard to the chapter titles and the possible authors were approved:—

Chapter titles.

Authors.

Science and the Health of India	Rao Bahadur K. C. K. E. Raja or Dr. A. C. Ukil.
The Future of Veterinary Work in India ..	Dr. F. C. Minnett.
The Mineral Resources of India and their Utilization	Sir Cyril S. Fox.
The Fisheries of India	Dr. S. L. Hora.
The Utilization of India's Water Resources ..	Mr. C. C. Inglis.

<i>Chapter titles.</i>	<i>Authors.</i>
Archaeology as a National Asset	Dr. R. E. Mortimer Wheeler.
The Weathers of India	Dr. C. W. B. Normand or Dr. S. K. Banerji.
The Utilization of India's Forest Products ..	Author to be selected on the recommendation of Sir Albert Howard.
Aboriginal Tribes and their Administration ..	Dr. Verrier Elwin.
Agriculture (increasing production, breeding new strains, control of pests, mechanization, etc.)	Author to be selected on the recommendation of Sir Pheroze Khareghat.
Communications	Mr. N. C. Ghose or Mr. L. P. Misra.
Cul. & Sc. Adv. Bd. No. 1. 10-11-44.	

Proposal for the amendment of the Ancient Monuments Preservation Act (No. VII of 1904). Mr. Justice Edgley made a statement regarding the proposals which had been circulated to the members of both the Boards for the amendment of the Ancient Monuments Preservation Act. These proposals had met with general approval subject to some suggestions which had been embodied in the notes during the course of circulation. With regard to Mr. Baker's suggestion that only the substance of the proposed changes should be communicated to Government, the meeting considered that it would be more effective to address Government on the lines proposed in the draft. The sense of the meeting was also to the effect that some interference with private rights and private property was inevitable if any improvement of the Act was to be effected. It was considered that this was a question of policy which Government and the Central Legislature would consider in due course at the time of the introduction of the Amendment Bill and that it would be for Government and the Central Legislature to weigh the value of vested interest and private rights against the value of affording adequate protection to an important part of India's cultural heritage.

There was some discussion with regard to observation made in Dr. R. C. Majumdar's note dated 4-11-44 more particularly with regard to the desirability of reserving the right to the Central Government to prevent the removal from India of any antiquity which might be of unique or special national importance. The suggestions made in Mr. Justice Edgley's subsequent notes, dated 4-11-44 and 6-11-44, had been endorsed by Dr. Majumdar in his note dated 9-11-44 as meeting the points raised by him. It was agreed that the draft should be amended as suggested in Mr. Justice Edgley's notes dated 4-11-44 and 6-11-44. It was also agreed to accept Mr. Khaitan's suggestions (i) to the effect that the definition of Ancient Monuments should be made more precise in order to include only monuments which related to a period prior to 1858, (ii) that a reference should be made in the proposed section 20(2) in paragraph 4 of the draft to the operation mentioned in section 10 of the Act, (iii) that the words 'of unique or special national importance' should be used in connection with the proposed reservation of power to the Central Government to prevent the exportation of certain antiquities. In view of the urgency of the matter it was decided to circulate the revised draft as soon as possible to all members of the Council and to issue the letter to the Government of India immediately after the completion of the circulation unless any members of the Council objected to the adoption of this course. Cul. & Sc. Adv. Bd. No. 2. 10-11-44.

The question of establishment of a National Museum of Archaeology, History, Ethnology and Art. Mr. Percy Brown's draft regarding the establishment of a National Museum was approved subject to the following amendments: (i) the term 'Anthropological' should be used instead of 'Ethnological' in describing the main sections of the proposed Museum, (ii) a paragraph relating to the Anthropological section of the Museum should be inserted on the lines suggested by Dr. B. S. Guha and Dr. Verrier Elwin. It was also recommended as regards addressing the Government of India the course proposed in the case of the amendments to the Ancient Monuments Preservation Act should be followed in view of the urgency of the matter. It was also agreed that immediate steps should be taken by means of suitable propaganda to popularize the idea of the establishment of a National Museum as a War memorial on the lines suggested. Cul. & Sc. Adv. Bd. No. 3. 10-11-44.

The question of sending the copy of Government letters to all the cultural societies in India. It was agreed that copies of all letters addressed to Government in connection with the proposals by the Cultural or Scientific Board should be printed and circulated to all the leading cultural and scientific societies in India (as may be appropriate according to the nature of the recommendation) in order that the views of such bodies may be obtained by this Society and that such societies may be in a position to make their own recommendations to Government in connection with these matters. Cul. & Sc. Adv. Bd. No. 4. 10-11-44.

Draft prepared by Mr. Percy Brown on the subject of a proposal to establish a school of architecture in India. Accept the draft as revised by Mr. Brown and forward it to the Government of India after the Council's approval. Cul. & Sc. Adv. Bd. No. 2. 11-12-44.

A note regarding the financial implications of the scheme for the establishment of a National Museum. Approve the note prepared by the Sub-Committee with verbal alterations; issue the note as a supplement to the Society's previous letter on the subject after approval by the Council. Cul. & Sc. Adv. Bd. No. 3. 11-12-44.

Suggestion made by Mr. Justice Edgley with regard to the desirability of appointing a Cultural Commission of Enquiry. Decided that a Sub-Committee be constituted with the Hon'ble Mr. Justice Edgley, Mr. L. K. Elmhirst and Mr. K. P. Khaitan as members to consider the matter and prepare a memorandum for forwarding to the Government of India on the subject on behalf of the Society. Cul. & Sc. Adv. Bd. No. 4. 11-12-44.

Draft of a memorandum by Dr. W. G. Griffiths and Rev. W. J. Culshaw to be submitted to the Government of India on the subject the 'Policy regarding Aboriginal Tribes'. Decided that a Sub-Committee to be constituted with the Hon'ble Mr. Justice Edgley, Mr. Culshaw, Dr. Griffiths, Mr. L. R. Fawcus and Prof. K. P. Chattopadhyay as members with power to co-opt Dr. Elwin and Dr. Guha whenever they may be in Calcutta to consider the question and prepare a memorandum for forwarding to the Government of India on behalf of the Society. Cul. & Sc. Adv. Bd. No. 5. 11-12-44.

A note from Mr. C. W. Gurner with regard to the question of the development of National Parks for India. Decided that Mr. L. R. Fawcus be requested to draft a letter for forwarding to the Government of India on behalf of the Society, basing on the notes of Mr. Justice Edgley and Mr. Gurner on the subject. Cul. & Sc. Adv. Bd. No. 6. 11-12-44.

It was decided to circulate the pamphlet containing the Society's proposals with regard to cultural reconstruction to learned Societies in India, Indian States and certain Societies and Orientalists in England. Cul. & Sc. Adv. Bd. No. 10. 11-12-44.

Sub-Committee's report regarding the financial aspect of the proposal to establish a National Museum as approved by a joint meeting of the Cultural and Scientific Advisory Boards on 11th December for forwarding to the Government of India on behalf of the Society. Approved; forward to the Government of India on behalf of the Society. Council No. 13. 18-12-44.

Mr. Percy Brown's draft regarding the proposed establishment of a school of Indian Architecture as approved by a joint meeting of the Cultural and Scientific Advisory Boards on 11th December for forwarding to the Government of India on behalf of the Society. Approved; forward to the Government of India on behalf of the Society. Council No. 14. 18-12-44.

Letter from the Deputy Secretary to the Government of India, Dept. of Information and Broadcasting, asking whether the R.A.S.B. would take a hand in developing cultural relations between India and Afghanistan. (a) Extend hearty support of the Society with regard to the proposal. (b) Correspond with Mr. G. F. Squire, H.M.'s Minister at Kabul, and Sir Olaf Caroe, Foreign Secretary to the Government of India and ascertain from them the best way in which the Society can promote cultural relations between India and Afghanistan. (c) Exchange the letter part of the *Journal* beginning from the 3rd Series with the publications of the Kabul Literary Society. Council No. 4. 22-3-44.

ANNIVERSARY.—The question of arranging a Tea party at the special lecture by Prof. A. V. Hill, Secretary, Royal Society, early in February. (a) Arrange a Tea party at the lecture of Prof. Hill on 3rd February; (b) a maximum of 50 guests to be invited on behalf of the Council; (c) a circular letter to be sent to all the Resident Members intimating them that admission to the Tea party would be by cards, available at charge of Rs.2-8-0; (d) an endeavour should be made to get the rate of catering submitted by M/S. Flury & Trincea reduced from Rs.2-8-0 if possible; (e) accept with thanks the offer of a donation of Rs.125 from Dr. M. Ishaque for meeting the charges of 50 guests at the Tea party. Council No. 2. 19-1-44.

Congratulatory message from the President and Fellows of the Harvard College in connection with the 160th Anniversary of the foundation of the Society. Record. Council No. 10. 22-5-44.

ANNIVERSARY CENTENARY MEMBERS.—Report of election of (a) Prof. A. V. Hill, (b) Dr. Sir Baron Jayatilaka, and (c) Dr. L. Fang-Kwei as Special Centenary Members of the Society (recommendation approved by the Council by circulation). Approved. Council No. 12. 16-2-44.

ANNIVERSARY CENTENARY VOLUME.—The question of publishing the 160th Anniversary Centenary Volume. An amalgamated index of all Society's publications up-to-date be prepared and published. Implement the resolutions already adopted on 26-2-34 with regard to the preparation and publication of the Bi-Centenary Volume and use the surplus amount (Rs.1,120-12-6) available from the 150th Jubilee Celebration for the preparation and publication of the volume. 160 Ann. Cel. Com. No. 1. 5-6-44.

Letter from Sir Lewis Fermor dated the 9th May, containing suggestions regarding the publication of the Bi-Centenary Volume. To be noted and recorded. Dr. West urging immediate working of the plan; the Index to be simultaneously a subject and author one, and that all memoranda, letters and important documents, etc., to be copied as duplicates for our permanent 'archives' and for reproduction in the Bi-Centenary Volume, as far as practicable. 160 Ann. Cel. Com. No. 3. 5-6-44.

ANNUAL MEETING.—Acceptance by H.E. the Governor of Bengal of the invitation to preside over the Annual Meeting of the Society in February 1944. Record with thanks. Write to the Secretary to H.E. the Governor of Bengal requesting the new Governor to accept the Patronage of the Society. Council No. 11. 19-1-44.

ASSOCIATE MEMBERS.—The question of the re-election of Miss M. L. W. Cleghorn as an Associate Member of the Society for a further period of five years. Propose the name of Miss Cleghorn to the next Ordinary Monthly Meeting for the re-election as an Associate Member for a further period of five years as prescribed in Rules 2 and 13. Council No. 3. 18-12-44.

BIBLIOTHECA INDICA.—Consideration of entrusting the editing of the catalogue of Vaidyaka MSS. to Prof. D. C. Bhattacharyya. Prof. D. C. Bhattacharyya (Hughly Mohsin College) be entrusted with the work, on the usual terms, Re.1-8-0 per printed page. Bib. Ind. Com. No. 2. 17-1-44.

The question of the reprinting of (1) Lalita Vistara, (2) Surya-Siddhanta, (3) Chaturvarga Chintamani, (4) Nyaya Varttika, fasc. 1, (5) Sahitya Darpan. *Lalita Vistara* be not undertaken by the Society in view of the fact that a new edition of it is in hand by Dr. B. C. Law. *Surya-Siddhanta* be not taken in hand by the Society, in view of the fact that the Calcutta University has recently published an English translation. (3), (4) and (5) be not undertaken by the Society as other editions are available. Bib. Ind. Com. No. 3. 17-1-44.

The Committee recommended the publication of the following works: (1) *Asokavadana* (text and English translation) be published by the Society and the editorial work be entrusted to Prof. Manomohan Ghose (Calcutta University); (2) An English translation of *Natyashastra* be prepared by Prof. Manomohan Ghose and published by the Society, prior to the publication of *Asokavadana*; (3) A reprint of Jolly's translation of *Narada Smṛiti* and *Vishnu Smṛiti* be immediately undertaken by the Society, as they have been long out of print and there is a steady demand for them. Care should be taken to be sure that there is no other English translation of these books in the market. Bib. Ind. Com. No. 4. 17-1-44.

Printing of Saddharma Pundarika edited by Mironov. That the book be reprinted with the notes of Mironov, and eliminating all obsolete or incorrect notes of the original edition. That the Pandit be ordered to assist Dr. N. Dutt in editing it. Bib. Ind. Com. No. 2. 21-3-44.

Printing of Sutta Samgaha with translation by E. P. Choudhury and D. P. Guha. Ordered the MS. to be transcribed as suggested in Dr. N. Dutt's report. Bib. Ind. Com. No. 3. 21-3-44.

Fixation of remuneration for editing *Asokavadana*, *Natyashastra* and *Sutta Samgaha*. (a) *Asokavadana*—the usual rate per printed page (B.I.); (b) Bharat N.S.—ordered the case to be brought up at the next meeting and the various existing editions of the work be placed on the table; also Dr. Ghose be asked to report fully on the MSS. he intends to use; (c) *Sutta Samgaha*—postponed for the present. Bib. Ind. Com. No. 4. 21-3-44.

Dr. Ishaque's letter about Mirsadul Ibad. That Mr. L. S. Dugin be informed that if he sends to the Society the press copy of the Text and Translation in a complete form, the Society will sympathetically consider the question of printing it and if the Society decides to print it, he will be paid the usual remuneration for editing. Bib. Ind. Com. No. 5. 21-3-44.

Rauzat-ul-jinnat fi'awsaf i Harat, by Mu'inuddin Al. Jamchi-al-Isfuzan (R.A.S.B.'s MS.) be entrusted to Dr. M. Ishaque for editing. Bib. Ind. Com. No. 6. 21-3-44.

Plan of work about the editing and translating the *Natyashastra* submitted by Dr. M. M. Ghose and the fixation of his remuneration. The matter be postponed for the present and enquiries be made about (1) Baroda plans of concluding half of the text, and (2) the existence of MSS. of Abhinavagupta's commentary. Bib. Ind. Com. No. 1. 19-5-44.

Consideration of a proposal of publishing *Seir-ul-Mutaksherin*. Dr. M. Z. Siddiqi be requested to make certain enquiries about autograph copies of the text and report to the Committee. A revised and full translation in English be undertaken first of all. Bib. Ind. Com. No. 4. 19-5-44.

Consideration of a proposal to give clerical assistance to Sir J. N. Sarkar in preparing a new edition of *Ain-i-Akbari* (Eng. Trans.). Accept. Bib. Ind. Com. No. 5. 19-5-44.

Proposal to print Kavikarnapura's *Sanskrita-Parasika-pad-prakasa* (Fort William College collection). Dr. S. K. Chatterji to report. Bib. Ind. Com. No. 6. 19-5-44.

Proposal to bind one copy each of the Society's publications and keep them in the Publication Department for reference. Bind. Cost to be debited to Publication Fund. Pub. Com. No. 12. 3-11-44.

Completion of *Kiranavali*. Complete the text. Bib. Ind. Com. No. 4. 29-11-44.

Fixation of remuneration for editing and translating *Bibliotheca Indica* works. Rs.2 for editing and Rs.3 for translation; special remuneration may be settled for special cases. Bib. Ind. Com. No. 2. 29-11-44.

Translation of *Natyashastra*. Translation be taken up. Bib. Ind. Com. No. 3. 29-11-44.

Report on the transcription of the *Sutta Samgaha* from Society's Burmese collection. Editing be taken up. Bib. Ind. Com. No. 5. 29-11-44.

BOOK REVIEWS.—Consideration of the present position of reviews. (Note: Of the 31 reviews outstanding eight have been received as a result of the reminders, sent as per Library

Committee recommendation of 14-8-44. Four more have been promised and for two information has been received that books would be returned.) Request for return of books for the reviews outstanding. For books received during September-October 1944, arrange for reviews as follows: (1) D. N. Majumder: *The Fortunes of the Primitive Peoples* (one copy)—Dr. W. G. Griffiths; (2) Verrier Elwin—*Folk Tales of Mahakoshal* (two copies); (3) Verrier Elwin and Shamrao Hivals: *Folk Songs of the Maikal Hills* (two copies)—Dr. W. G. Griffiths; (4) P. C. Gupta: *Last Peshwa and the English Commissioners* (one copy)—Dr. N. K. Sinha; (5) Muhammad Karim: *Sawanihat-i-Mumtez*, pt. 2 (one copy)—Prof. M. M. Haq; (6) Gitamanjari, an anthology of old Rajasthani Bardie songs (two copies)—Mr. K. P. Khaitan. Liby. No. 6. 3-11-44.

The Librarian reported that the following books have been received for review in November 1944:—

- (1) Subrahmanya Sastri: *Lectures on Patanjali's Mahabhasya* (one copy).
- (2) Indrajit Singh: *Gondwana and the Gonds* (one copy).

Arrange for reviews by: (1) Mr. Ksitis Chandra Chatterjee; (2) Prof. K. P. Chattopadhyay. Liby. No. 7. 8-12-44.

COMMITTEES.—Constitution of the Standing Committees of the Society for 1944-45. The Committees to be constituted as follows:—

(a) *Library Committee.*—President, General Secretary, Treasurer, Philological Secretary, Jt. Philological Secretary, Natural History Secretary (Biology), Natural History Secretary (Phys. Science), Anthropological Secretary, Library Secretary, Historical and Archaeological Secretary, Medical Secretary, *ex-officio*, and Khan Bahadur K. M. Asadullah. (Chairman: Dr. S. P. Mookerjee; Secretary: Dr. R. C. Majumdar.)

(b) *Publication Committee.*—All *ex-officio* members and Dr. S. K. Chatterji. (Chairman: Dr. S. P. Mookerjee; Secretary: Dr. K. Nag.)

(c) *Finance Committee.*—President, General Secretary, Treasurer, *ex-officio*, Dr. S. L. Hora, The Hon'ble Mr. Justice N. G. A. Edgley, Mr. Percy Brown, and Mr. K. P. Khaitan.

(d) *Programme Committee.*—President, General Secretary, Treasurer, *ex-officio*, The Hon'ble Mr. Justice Edgley, Dr. K. N. Bagechi, Dr. W. G. Griffiths, Dr. R. C. Majumdar, Mr. L. R. Fawcus, Mr. Percy Brown, and Dr. W. D. West. (Chairman: The Hon'ble Mr. Justice Edgley; Secretary: Dr. K. Nag.)

(e) *Bibliotheca Indica Committee.*—President, General Secretary, Treasurer, *ex-officio*, Dr. S. K. Chatterji, Dr. N. Dutt, Dr. M. Z. Siddiqi, Dr. B. C. Law, Sir J. N. Sarkar, Dr. M. Ishaque, Dr. P. C. Bagchi, Prof. M. M. Haq, and Dr. Saktori Mukherjee. (Chairman: Sir J. N. Sarkar; Secretary: Dr. K. Nag.) Council No. 4. 16-2-44.

Letter from Dr. S. L. Hora raising the question of the participation by the Society in any discussion on the programme of the post-war scientific, industrial and cultural reconstruction of India. (1) Approve the proposal of Dr. Hora. (2) Two permanent Advisory Boards—scientific and cultural—be constituted with powers to formulate post-war reconstruction schemes relating to Science and Culture; such schemes, after due scrutiny by the Boards, should be placed before the Council for their approval, and in due course be forwarded to the proper authorities for necessary action. (3) The Boards to consist of:

Scientific.

Dr. M. N. Saha, Dr. B. C. Law, Dr. S. P. Agharkar, Dr. K. N. Bagechi, Dr. W. G. Griffiths, Dr. J. B. Grant, Dr. S. L. Hora, Dr. W. D. West.

Chairman: Dr. J. B. Grant; Secretary: Dr. W. D. West.

Cultural.

Dr. S. P. Mookerjee, The Hon'ble Mr. Justice N. G. A. Edgley, Dr. R. C. Majumdar, Dr. Kalidas Nag, Mr. C. W. Gurner, Dr. N. Dutt, Dr. M. Z. Siddiqi, Dr. B. C. Law, Mr. L. R. Fawcus, Mr. Percy Brown, Dr. M. Ishaque, Mr. K. P. Khaitan, Mr. S. Drucquer.

Chairman: The Hon'ble Mr. Justice N. G. A. Edgley; Secretary: Dr. Kalidas Nag.

(4) The Boards to have power to co-opt additional members. (5) Each Board to appoint its own Chairman and Secretary in conformity with Rule 63. (6) The first meetings of the Boards to be convened by the General Secretary. Council No. 17. 16-2-44.

Co-option of additional members. Decided that Messrs. S. K. Chatterji, L. K. Elmhirst, K. K. Sen, W. J. Culshaw and M. M. Haq be co-opted additional members of the Cultural Advisory Board. Cul. & Sc. Adv. Bd. No. 1. 11-12-44.

COUNCIL.—The question of the continuation of the travelling allowance of Rs.150 to the General Secretary for the year 1944-45 (letter relating thereto from Dr. S. L. Hora to the President, R.A.S.B.). Continue and submit for confirmation by the next Monthly Meeting as prescribed in Rule 48(d). Council No. 20. 16-2-44.

Letter dated 12-12-44 from Dr. W. D. West concerning making provision in finance for a full-time General Secretary. The cashier to prepare a note with reference to next year's budget for consideration of the Council. Fin. Com. No. 16. 12-12-44.

Consideration of Composition of Council for 1945-46. After discussion it was resolved that the following names be declared as Council's candidates for election to next year's Council, and that the list be ordered to be issued to the Resident Members as prescribed in Rule 44:—

President .. ..	..	..	Professor M. N. Saha.
Vice-President ..	..	..	The Hon'ble Mr. Justice N. G. A. Edgley.
" .. ..	..	..	Dr. R. C. Majumdar.
" .. ..	..	..	Dr. M. Z. Siddiqi.
" .. ..	..	..	Dr. S. P. Agharkar.
General Secretary ..	..	..	Dr. K. Nag.
Treasurer .. ..	..	..	Mr. K. P. Khaitan.
Philological Secretary ..	..	..	Dr. N. Dutt.
Jt. Philological Secretary ..	..	..	Dr. M. Ishaque.
Biological Secretary ..	..	..	Dr. S. L. Hora.
Physical Science Secretary ..	..	..	Dr. K. N. Bagchi.
Hist. and Arch. Secretary ..	..	..	Dr. B. C. Law.
Medical Secretary ..	..	..	Dr. I. B. Bose.
Anthropological Secretary ..	..	..	Dr. W. G. Griffiths.
Library Secretary ..	..	..	Dr. N. Dutt.
Member of Council ..	..	..	Mr. C. W. Gurner.
" .. ..	..	..	Mr. L. R. Fawcus.
" .. ..	..	..	Mr. Percy Brown.
" .. ..	..	..	Dr. W. D. West.
" .. ..	..	..	Maharajadhiraja Bahadur U. C. Mahtab of Burdwan.
" .. ..	..	..	Mr. A. P. Benthall.

The Council expressed the opinion that the President should ordinarily change every year. Council No. 25. 18-12-44.

DISCUSSION MEETINGS.—Letter from Dr. B. C. Law suggesting that the talks at the Discussion Meetings be published in a book form by the Society. (1) Accept. Dr. Law's suggestion in the light of the Hon'ble Mr. Justice Edgley's observations on the subject contained in his note dated 12-2-44. Collect as many abstracts of the talks at the Discussion Meetings as possible from the beginning to date with a view to their publication. (2) Have the abstracts of the talks, questions, answers, etc., at all Discussion Meetings published in the *Advance Proceedings* following the procedure already adopted in 1934 after the 150th Jubilee. (3) The main talks should not be published *in extenso*, but be limited to three pages of printed matter. (4) The Hon'ble Mr. Justice Edgley's proposal in his note dated 12-2-44 was accepted as regards exhibits at the Monthly Meetings. Council No. 1. 16-2-44.

Letter from Dr. B. C. Law suggesting that the lectures delivered at the Discussion Meetings be published in a book form by the Society. Approve the suggestion: get estimates for printing when materials are ready, and refer the matter to the Finance Committee for necessary funds. Pub. Com. No. 1. 16-2-44.

To consider the grant of Rs.500 from the Welfare and Amenities Branch of the British Army and the offer of help from the American military authorities in connection with the provision of teas for the troops who attend the Discussion Meetings. Thanks of the Society be conveyed to General Cheves of the American Army, Major Ellis of the Welfare and Amenities Branch of the British Army, Capt. Stauffer and J. Comdr. D. Gill for the great interest they have taken in the Discussion Meetings and for providing free teas to the members and officers of the Allied Forces attending these meetings. Prog. Com. No. 3. 23-3-44.

The programme for April and May. Approved. It was decided to provide free teas to members of the Allied Forces in uniform at Discussion Meetings with effect from 20-4-44. The members of the Society who require tea for themselves or their guests will be charged eight annas a head according to the existing arrangement. Tea will be served from 6 p.m. and the Discussion Meeting will begin at 6-30 p.m. Capt. Stauffer to be notified two days before the meeting of requirements as regards food. Prog. Com. No. 5. 23-3-44.

Advance Proceedings. (1) The publication of the *Advance Proceedings* be kept in abeyance till conditions become normal. (2) Further talks at the Discussion Meetings be published in subsequent volumes of the special publication if funds be forthcoming. Council No. 17. 23-6-44.

Appointment of a Chairman of and a Secretary to the Editorial Board. The Hon'ble Mr. Justice Edgley and Dr. Nag be appointed Chairman and Secretary respectively. Edit. Board Spl. Pub. No. 2. 11-7-44.

Scrutiny of manuscripts received and appointment of editors for papers from among the members of the Board. The Chairman, Mr. West, Mr. Khaitan and the Secretary to form editors. Edit. Bd. Spl. Pub. No. 4. 11-7-44.

DONATIONS AND GIFTS.—Letter from Dr. B. C. Law, dated 21-2-44, offering (a) suggestions for the printing and publishing the popular lectures in a book form, and (b) a donation of Rs.3,000 towards printing expenses of the book. Accept the offer of Dr. Law with thanks

and utilize the donation for the special publication for which it has been made. Council No. 5. 22-3-44.

Report receipt of Rs.3,000 from Dr. B. C. Law as donation towards meeting expenses of printing and publishing popular lectures in a book form. Record with thanks to the donor. A meeting of the Editorial Board of the special publication be called for Tuesday, the 11th July, at 5 p.m. Council No. 10. 23-6-44.

Letter from Dr. B. C. Law making a gift of 23 lantern slides and offering to bear the entire cost of preparing the blocks to illustrate his paper in the special publication. Accept with thanks to Dr. Law. An effort should be made to start a collection of lantern slides for the Society, with special reference to India. Prepare a list of subjects in the first instance for which slides may be made either by the Society or by the donors. Council No. 3. 16-8-44.

Report receipt of a grant of Rs.500 from the National Inst. of Sciences of India, out of the Rockefeller Foundation grant entrusted with them for distribution, and consideration of the conditions governing the grant made to the Society. Accept with thanks and the money must be utilized for publication only in terms of the conditions governing the grant. Council No. 2. 7-11-44.

ELLIOTT PRIZE.—Recommendation of the Trustees of the Elliott Prize for the award of the medal for 1944 (Mathematics). Accept the recommendation, Dr. S. K. Chakrabarty. Council No. 8. 18-12-44.

EXCHANGES.—Request from Sir Jadunath Sarkar, President, Bangiya Sahitya Parishad, for placing the Parishad in the free list of the Society's Journal and Publications. Grant and ask for reciprocal courtesy. Liby. Com. No. 3. 16-2-44.

Letter from Prof. O. C. Ganguly requesting that a full set of *Harvard Journal of Asiatic Studies* be procured for the Society's Library. Request exchange. Lib. Com. No. 3. 21-4-44.

Letter from Ramavarma Research Institute, Trichur, requesting an exchange of the Society's Journal with the *Bulletin* of the Institute. Grant exchange with Letters part of the Journal from 1944. Lib. Com. No. 7. 21-4-44.

Letter from the Associate Editor, *Harvard Journal of Asiatic Studies*, intimating acceptance of the Society's proposal for exchange of the Journal with the *Harvard Journal of Asiatic Studies*, with retrospective effect. Record and take action. Lib. Com. No. 5. 5-9-44.

FINANCE.—Provision of money for the proposed new temporary appointment of an Assistant for the files on Rs.50—3—80. Provide from the General Fund. Fin. Com. No. 6. 16-8-44.

Letter from the Imperial Bank of India requesting to authorize the Treasurer, R.A.S.B., to endorse the G.P. Notes for Rs.3,000 on behalf of the Society so as to enable them to keep them in safe custody. Recommend to the Council to authorize the Treasurer to sign the notes on behalf of the Society. Fin. Com. No. 4. 22-3-44.

The question of further investment. Recommend to the Council to invest Rs.20,000 in 3% War Bonds from the following funds through the Imperial Bank of India: (a) Rs.5,000 Oriental Publication Fund No. 1, (b) Rs.5,000 Sanskrit MSS. Fund, (c) Rs.10,000 Publication Fund. Fin. Com. No. 9. 24-4-44.

Application from the staff of the Society re. dearness allowance (referred to the Finance Committee by the Council, dated 27-5-44). Increase the present dearness allowance with effect from 1st of July as follows: Rs.11 to those drawing a salary of Rs.34 and under and Rs.15 to those drawing Rs.35 and above, with exception of anyone getting more than Rs.15 now will continue to get it. Fin. Com. No. 6. 24-7-44.

Letter from Imperial Bank of India, dated 16-9-44, regarding investment of Rs.4,000 in connection with the S. C. Roy Medal. Recommend to the Council that the amount in question be invested in 3% Victory Loan (1957) and that the Imperial Bank of India, Park Street Branch, be authorized to effect the purchase to debit of the Society's account with them. Fin. Com. No. 4. 7-11-44.

Recommendation of the Special Finance Committee Meeting (Consideration of the budget estimates for 1945). Approved: take Rs.3,000 as proportionate quota from the Publication Fund (instead of Rs.2,000) according to the recommendation of the Special Enquiry Committee. Council No. 16. 18-12-44.

GRAFLEX CAMERA.—Letter from Prof. P. C. Mahalanobis, Director of the Statistical Laboratory, Presidency College, offering to house the Society's microfilm camera in the Presidency College, for the duration of the war. Accept the offer on the terms of Prof. Mahalanobis for housing the camera in the Presidency College for the duration of the war. Council No. 2. 10-2-44.

FELLOWS.—Recommendations of the meeting of the Resident Fellows on 1-1-44. Accept; put up the name of Dr. G. S. Bose for election at the Annual Meeting in conformity with Nos. 17 and 18 of the 'Regulations regarding the election of Fellows'. Council No. 4. 19-1-44.

INDIAN SCIENCE CONGRESS ASSOCIATION.—Letter from the General Secretary, I.S.C. Association, with regard to the ownership and delivery of the stock of publications, now kept in the Society's rooms. Rs.2,250 to be paid by the I.S.C. Association for taking away the publications; publication to be handed over, *pro rata*, as payments are made in accordance with the offer, viz. payment by three instalments; the amount due to I.S.C.A. on account of the special publications to be adjusted with the amount due to the Society. Council No. 12. 24-7-44.

LIBRARY.—Library Secretary's recommendation regarding the administration of the Library and the Library Staff. Approve in an amended form as given below. Recommend to Council for sanction and incorporation into Library Regulations. (1) The staff attached to the Library in all its sections shall be directly under the care and supervision of the Librarian. (2) The Librarian shall maintain an Attendance Register as well as a Diary for the staff, to be countersigned by him every day. (3) All bills relating to purchase of books shall be certified by the Librarian before payments are made. The certificate should include the accession numbers assigned to the books. (4) No expenditure on any other item pertaining to the Library, e.g., binding, preservation, etc., shall be sanctioned except after a report from the Librarian and no payment shall be made on that account without a certificate from the Librarian. (5) No papers or correspondence, etc., pertaining to the Library shall be referred by the office direct to any member of the Library staff other than the Librarian. (6) The Librarian shall be furnished with imprest-money, not exceeding Rs.25 to meet contingent expenses, relating to the Library, which amount shall be recouped at the end of every month. (7) The Librarian shall maintain a Register showing the monthly requirements of stationery by the members of the Library staff, which shall be supplied from the General Office on the last day of each month. Lib. Com. No. 2. 28-3-44.

Question of better arrangement for the Librarian's office and Members' reading-room. In view of the fact that large number of books are being lost for many years, the Librarian's office and the reading-room be removed to the hall now occupied by the General Office, and arrangement be made for closing four of the six doors with expanded metal or strong wire-netting and providing the remaining two with door-panels to enable the room being locked. After the above arrangements are carried into effect a proper stock of the Library should be taken and the Library staff shall be held responsible for any loss of books thereafter. Pending the completion of the above arrangement it is recommended to the Council to take severe steps, including dismissal, against any member of the entire staff of the Society in the case of any further loss of books. Liby. Com. No. 2. 21-4-44.

Letter from Major Basil Clarke, Army Education Corps, requesting some kind of arrangement for lending out books from the Library in connection with his work in the army. Recommend that on the recommendation of the Army Liaison Officer use may be made of the Library within the premises of the Society. Liby. Com. No. 6. 21-4-44.

Provision of money for the approved scheme of repairing and binding works of the Society's collections. Recommend to the Council to provide the necessary sum from the Sanskrit Manuscript Fund Account for giving effect to the scheme, including a capital expenditure of Rs.1,500 and the appointment of five menders on scales of pay as mentioned in the scheme. Fin. Com. No. 5. 24-4-44.

Recommendations of the adjourned meeting of the Library Committee of 28-3-44 containing proposals for additional Library Regulations. Accept. (1) Necessary alterations in steel shelving and (2) new Regulations as amended, and report for information of the Ordinary Monthly Meeting as prescribed in Rule 48(a). In view of repeated attempts to smuggle out and steal Society's properties, every case of theft should immediately be reported to the General Secretary and the Council, and peremptory steps be taken to recover the lost properties including books, MSS., and other effects. Police should ordinarily also be informed by the General Secretary as soon as the theft is brought to his notice. Council No. 6. 24-4-44.

Proposal for some alteration work in the steel shelving for books in the Library. Approve. Accept tender for Rs.450 from Bungo Steel Furniture, Ltd. for removal and re-erection of steel racks and recommend to the Council for payment of the expenditure after the work is completed. Adjourned meeting Liby. Com. No. 1. 28-4-44.

Consideration of estimate for rearrangement of Librarian's office, Members' reading-room and for the safeguarding of the corridors downstairs. Postpone. Call for further estimates and write to the Steel Controller for wire-gauze. Liby. Com. No. 4. 19-5-44.

Report on (1) Walker : Jenghiz Khan, and (2) Le May : A concise history of the Buddhist art in Siam, duplicates in the Library. Offer the books to the University Library at cost price and credit the amount to the budget allotment for book purchase for the year. Liby. Com. No. 7. 19-5-44.

Letter from Mr. B. M. Agrawal requesting to keep the Library open till 6-30 p.m. on meeting days. Keep the Library open till 5-30 p.m. on the days of the Monthly Meetings. Liby. Com. No. 5. 17-7-44.

Consideration of estimate for the rearrangement of Librarian's office and Members' reading-room and for the safeguarding of the Library downstairs. Approve estimates of Modern Cabinet

Makers for items Nos. 2 and 5 for which ask for reduction in the light of estimates for those items from Chakravarti & Co. If reduction is not agreed to, approve estimates of Chakravarti & Co. for these items. Ascertain estimates for paints and polish before finally accepting estimates. Liby. Com. No. 6. 17-7-44.

List of books overdue. (1) Send *chaprassi* with loan slips for collecting overdue books. (2) Enforce regulations. (3) Recommend the following addition to item No. 12 'and in no case shall the borrower be permitted to retain the books for more than one month thereafter'. Liby. Com. No. 9. 17-7-44.

Recommendations of the Library Committee of 17-7-44. Accept. (a) With regard to item No. 4 (the question of bringing back rare possessions of the Library from Benares) it was resolved that preliminary steps be taken for transport of the bookcases, etc.; meanwhile the matter should be circulated to the Council for consideration at their next meeting. (b) With regard to item No. 5 (estimate of Modern Cabinet Makers for the rearrangement of Librarian's room, etc.), accept the estimate of the Modern Cabinet Makers on the lines recommended by the Library Committee. Council No. 3. 24-7-44.

Preparation of a list of Library holidays for future guidance of the staff and members. General Secretary to prepare a list of holidays for the Library and for the office. Liby. Com. No. 9. 14-8-44.

Preparation of a list of holidays for the Library. Request Khan Bahadur Asadullah to draw up a list. Liby. Com. No. 7. 5-9-44.

Question of a stock-taking of the Library. (Note: The arrangements, preliminary to a stock-taking as per Library Committee Recommendation, dated 21-4-44, are complete.) Postpone. Bring up the question for consideration in February, 1945. Liby. Com. No. 4. 3-11-44.

Librarian's note regarding the present position of the scheme for preservation of manuscripts, books, etc., in the Society's Library (postponed since last meeting on 5-9-44). (Note: Since the above note was submitted 32 lb. of Thymol and 56 lb. of Paradicholorebenzene have been received and arrangements are being made for operating the two fumigation chambers. The Bengal Chemical Co. have intimated their inability to supply any paste whatsoever and no lamination can be undertaken unless provision is immediately made for good paste.) Record. Liby. Com. No. 5. 3-11-44.

Question of the provision of an additional grant on binding account. (Note: The amount budgetted this year for this purpose is Rs.1,500 against Rs.2,000 of 1943. 601 books have been bound up to 31st September, 1944, involving a cost of about Rs.1,400. Bills to the amount of Rs.252-1-0 are pending. There are a large number of old and rare books requiring binding and in view of these an extra grant of Rs.500 is desirable.) Request Council for an additional amount of Rs.500 only. Liby. Com. No. 9. 3-11-44.

MANUSCRIPTS, CATALOGUING OF.—Cataloguing of the Arabic and Persian MSS. Recorded the assent of the cataloguers, Drs. Imam and Habibullah to the Society's proposal regarding cataloguing and remuneration. Bib. Ind. Com. No. 1. 17-1-44.

The question of cataloguing of the Hindi and Rajasthani MSS. belonging to the Society. Approve and start correspondence with Mr. G. D. Birla in connection with the financial support that he has promised for the purpose. Pub. Com. No. 2. 16-2-44.

The question of cataloguing the Burmese collection in the Society's Library. Approve and consult the Burma Government with regard to it. Pub. Com. No. 6. 16-2-44.

Question of the continuance of cataloguing work in the Sanskrit section of the Library. Continue, but at a reduced rate of annas three per manuscript. Request Drs. Habibullah and Imam for a monthly report on the progress of their cataloguing in the Islamic Section. Liby. Com. No. 6. 21-3-44.

Question of cataloguing Rajasthani MSS. in the Sanskrit section of the Library for which, the General Secretary reported, Mr. G. D. Birla has made a donation of Rs.5,000. Thank Mr. Birla for his kind donation. Postpone consideration till the MSS. are brought down. Liby. Com. No. 8. 21-3-44.

Tibetan manuscripts. Recommend to the Council that an amount of Rs.1,200 be provided from the Society's general fund for expenses to be incurred in preliminary survey and report regarding the Tibetan MSS. belonging to the Society. If possible the services of an English-knowing Lama be engaged during the ensuing cold weather. Fin. Com. No. 7. 21-4-44.

Application from Cataloguers, Sanskrit Section, for restoration of the former rate for cataloguing manuscripts, namely, four annas per manuscript. (Note: The rate was reduced to three annas per MS. at the last meeting of the Library Committee held on 21-3-44.) Restore the former rate of four annas per MS. from May 1944 till the end of the War. Liby. Com. No. 8. 21-4-44.

Question of cataloguing of Tibetan Xylographs. Accept report of Dr. N. Dutt recommending appointment of Mr. L. M. Dorji for cataloguing the *bstan gyar* collection on piece-work basis, at the rate of six annas per set of two slips for each work. Liby. Com. No. 8. 17-7-44.

Letter of Mr. L. P. Sukul on the question of the cataloguing of Hindi manuscripts in the possession of the Society. Inform that arrangements are made for cataloguing Hindi MSS. and convey Society's thanks for offer of co-operation. Liby. Com. No. 6. 14-8-44.

Question of the preparation of a full descriptive catalogue of the Indian Museum collection of manuscripts. (1) Publish the summary catalogue of MSS. of the Indian Museum collection with an introduction not exceeding 100 pages, noting the important MSS. Entrust the work to Pandit Nani Gopal Banerji, M.A. (2) Arrange thereafter for the preparation of a descriptive catalogue of this collection as soon as circumstances permit. (3) Pay remuneration to Pandit Nani Gopal Banerji for preparing and seeing the summary catalogue through the press at the rate of Rs.10 per 100 entries and a separate remuneration for the Introduction at the usual rate paid to the editors. (4) Pay Rs.125 as remuneration to Pandit Nani Gopal Banerji for scrutinizing the slips prepared by Pandits Jagadish Bhattacharya and Ramdhan Bhattacharya as instructed by the General Secretary. Liby. Com. No. 3. 5-9-44.

Question of the manner of payment of remuneration to Pandit Nani Gopal Banerji for preparing the summary catalogue of the Indian Museum collection of manuscripts. (Note: Vide Library Committee Recommendation No. 3 of 5-9-44.) Advance 75% of his remuneration monthly on the basis of number of entries made ready for the press, the remaining 25% to be paid after the catalogue is printed off. Liby. Com. No. 7. 3-11-44.

Plan for the utilization of the Society's rare MSS. and preparation of press copies for publishing some of them. Slip catalogue of 4,550 MSS. be prepared on piece system. Bib. Ind. Com. No. 1. 29-11-44.

MANUSCRIPTS, LOAN OF.—Request from the Director, Cheena Bhavana, Visvabharati, for loan of the MS. of Vajrasuchi by Asvaghosa. Grant on an indemnity bond of Rs.100 only. Liby. Com. No. 3. 19-1-44.

The question of the recovery of the manuscript 'Laghū Kala Chakra' lent to Prof. G. Tucci (a well-known scholar and member of the Italian Accademia Regia, Italy) from the Society's Library. Intimate the matter to Mr. J. D. Tyson, C.B.E., I.C.S., Secy. to the Govt. of India, Dept. of Edn., Health and Lands, and request his kind offices for the recovery of the MS. through the administrative authorities in Southern Italy who may be able to contact Prof. Tucci with regard to its recovery. Council No. 17. 22-3-44.

Recommendations of the Library Committee of 19-5-44. Accept. With regard to item No. 2, the loan of four MSS. to the Bhandarkar Oriental Research Institute, Poona, recommended by the Library Committee, resolved that as lending more than two manuscripts at a time is contrary to the 'Regulations', special sanction for the loan of the four MSS. should be obtained by referring the matter to the General Meeting. In order that the members of the Council might know the details of the business transacted at the various Committees, it was resolved that the Committee meetings should ordinarily be held one week in advance of the Council meeting so that it might be possible to get the minutes circulated in due time. Council No. 4. 22-5-44.

Application from Mr. D. Guha for the loan of the MS. Sutta-Sangaha belonging to the Society, recommended by the Philological Secretary, Dr. N. Dutt. The manuscript be issued on loan to the Philological Secretary. Council No. 12. 22-5-44.

Letter from Dr. Stella Kramrisch for permission to publish a note on the MS. of the Devi-Mahatmya (IM. 10336) with reproductions of three or four illustrations contained therein in the Journal of the Indian Society of Oriental Art. Grant permission. Lend manuscript for preparation of the books on bond on usual conditions. Request use of blocks by this Society if required. Liby. Com. No. 4. 13-6-44.

Request from the Principal, Visvabharati, Vidyabhavana, for an extension of the loan of four manuscripts of the Mahabharata for three months. Grant extension of loan till 25-10-44. Liby. Com. No. 2. 14-8-44.

Request from the Curator, Bhandarkar Oriental Research Institute, Poona, for loan of two manuscripts of the *Caraka Samhita*. (Note: The following manuscripts may be available on loan, each against an indemnity bond as under):—

II H. 28 Caraka Samhita : Sarirasthana	Rs. 25
III B. 57 Caraka Samhita: Pāṇeakarmadhikara. (Bound with it are Vyākhyā Madhukosa by Vijaya Rakṣita and Madhava-Nidana)	275

Grant on usual conditions against Indemnity Bonds as above. Liby. Com. No. 2. 3-11-44.

Request from the Principal, Visvabharati, Vidyabhavana, for loan of three manuscripts of the *Mahabharata*. (Note: The following manuscripts may be available on loan, each against an Indemnity Bond as follows:—

G. 10773 Mahabharata, Rs.50; G. 7989 Mahabharata, Rs.125; G. 36748 Mahabharata, Rs.300.

The manuscripts are required for collection on behalf of the Bhandarkar Oriental Research Institute and in view of the importance of the work the regulation limiting the loan of MSS. to two at a time may be relaxed.) Grant on usual conditions against Indemnity Bonds as above. Liby. Com. No. 3. 3-11-44.

Request from Dr. Nihar Ranjan Ray for permission to reproduce illustrations on the covers of the Manuscript of Sivadharm in the Society's Library and for loan of the covers for preparation of blocks. (Note: The paintings, directly on the wooden covers of the MS. No. G. 4077, are gradually peeling off, and coloured reproductions are essential for the purpose of record.) Grant. Lend two covers against an Indemnity Bond of Rs.50 only with the request that they should be handled very carefully. Liby. Com. No. 5. 8-12-44.

Request from Dr. Nalinaksha Dutt for loan of three MSS.: (1) Balabodhini of Sankaracarya; (2) Balabodhini-Bhavaprakasini of Ramacandra Sarasvati; and (3) Balabodhini from the Society's Library. (Note: The MSS. are available for loan as under)—

	Rs.
III G. 67 Balabodhini of Sankaracarya	10
III G. 67A Balabodhini-Bhavaprakasini of Ramacandra Sarasvati	10
III A. 121 Balabodhini	20

Grant on usual conditions against Indemnity Bonds as above. Liby. Com. No. 8. 8-12-44.

MANUSCRIPTS, PURCHASE OF.—Question of the purchase of the manuscript of the *Diwan of Sana'i*. Purchase for Rs.75 only. Liby. Com. No. 3. 14-8-44.

Letter from Mr. Saiyyad Tarzi offering a manuscript of the *Diwan of Saiyyad Muhammad Al-Husaini* for sale (postponed since the last meeting on 17-7-44). Purchase for Rs.75 only. Liby. Com. No. 3. 14-8-44.

Question of the purchase of a manuscript of *Kimiya-i-Saadat* by Imam Ghazeli, copied in 858/1454 A.D. (Note: Prof. M. M. Haq, whose opinion has been sought, refers to an earlier MS. of the work, dated 737/1338 A.D. in the Society's Library. The Society's copy is defective and he recommends purchase of the above provided the price is reasonable and the copy is certified to be complete after careful examination.) Purchase for Rs.60 (Rupees sixty only), subject to its being complete. Liby. Com. No. 8. 3-11-44.

MEDAL AWARDS, BOARDS.—The Indian Science Congress Medal Advisory Board after due consideration resolved to recommend to the Council that the Indian Science Congress (Calcutta Medal) for the session held in Calcutta in 1943 be awarded to Prof. S. P. Agharkar, in recognition of his conspicuously important services to the Indian Science Congress Association as its General Secretary from 1924 to 1935. Ind. Sc. Con. Cal. Medal Adv. Bd. No. 3. 28-1-44.

Report of award of the Indian Science Congress, Calcutta, Medal for the session held in Calcutta in 1943 to Prof. S. P. Agharkar (recommendation of the Science Congress Medal Advisory Board approved by the Council in circulation). Approved. Council No. 13. 16-2-44.

Letters from the heirs of the late Rai Bahadur S. C. Roy objecting to the Regulations adopted by the Council for the award of the Sarat Chandra Roy Medal for cultural anthropology. Record: (1) With regard to the clause 2(b) of No. 4 of the 'Regulations regarding the award of the S. C. Roy Medal' (re. Advisory Board) reading: 'After her death the Council will nominate a suitable person from among the heirs of the late Sarat Chandra Roy, if available,' to the wording of which the heirs of the late S. C. Roy have raised objection, it was resolved that clauses (b) and (c) of No. 4 of the Regulations suggested by them be incorporated into one clause as follows: 'After her death one member is to be nominated by the heirs of the late S. C. Roy'. (2) Other minor amendments suggested by them be accepted. (3) A copy of the revised Regulations be forwarded to Mrs. Roy for her approval. Council No. 11. 24-7-44.

Letter from Mrs. S. C. Roy, Ranchi, approving the amendments made by the Council in the 'Regulations regarding the award of the S. C. Roy Medal'. Record with thanks to Mrs. Roy. Adopt the amended Regulations and report for information to the next Ordinary Monthly Meeting as prescribed in Rule 48(a). Council No. 2. 16-8-44.

Constitution of the Advisory Boards for the awards of the following medals: (a) Dr. B. C. Law Gold Medal—The donor (Dr. B. C. Law) *ex-officio*, Phil. Secretary (Dr. N. Dutt) *ex-officio*. Additional: Dr. S. P. Mookerjee, Dr. R. C. Majumdar and The Hon'ble Mr. Justice Edgley. (b) S. C. Roy Memorial Medal—The Anthro. Secy. (Dr. W. G. Griffiths) *ex-officio*, Nominee of Mrs. S. C. Roy (Dr. A. K. Roy Choudhury) *ex-officio*. Additional: Prof. K. P. Chattopadhyay, Mr. L. R. Fawcett, Mr. J. P. Mills and Dr. Kalidas Nag. (c) Joy Gobind Law Memorial Medal—Biological Secy. (Dr. Agharkar) *ex-officio*. Additional: Dr. S. C. Law, Dr. S. L. Hora, Dr. S. P. Agharkar, Dr. H. K. Mookerjee. (d) Paul Johannes Brühl Memorial Medal—The President (Dr. S. P. Mookerjee) *ex-officio*, Ghose Professor of Botany (Dr. S. P. Agharkar) *ex-officio*, Director, Botanical Survey of India (Dr. K. P. Biswas) *ex-officio*, President, Botanical Section, I.S.C.A. (Dr. G. P. Majumdar) *ex-officio*, Natural Hist. Secy., R.A.S.B. (Dr. Agharkar) *ex-officio*. Council No. 2. 8-9-44.

Matters concerning the award of the Sarat Chandra Roy Medal. (a) Invest Rs.4,000 donated by Mrs. S. C. Roy for the institution of the medal by the Society in 3% Defence Loan. (b) The value of the medal to be awarded every year should not exceed the interest available from the investment; if a gold medal cannot be made with the interest, then a silver medal should be awarded. (c) A die for the medal need not be made for the time being. Council No. 14. 8-9-44.

Recommendation of the Paul Johannes Brühl Memorial Medal Advisory Board. Accept the recommendation, Dr. N. L. Bor. Council No. 4. 18-12-44.

Recommendation of the Joy Gobind Law Memorial Medal Advisory Board. Accept the recommendation, Dr. S. L. Hora. Council No. 5. 18-12-44.

Recommendation of the Dr. B. C. Law Gold Medal Advisory Board. Accept the recommendation, Dr. D. R. Bhandarkar. Council No. 6. 18-12-44.

Recommendation of the S. C. Roy Memorial Medal Advisory Board. Accept the recommendation, Dr. Verrier Elwin. Council No. 7. 18-12-44.

MISCELLANEOUS.—Letter to Dr. Nag from Sir Sultan Ahmed, Member of Council of State, in connection with the appointment of Major Douglas Coldstream, and requesting to afford him facilities in the Society during his stay in India. Afford the necessary facilities. Council No. 18. 16-2-44.

Report on burglary in the Society's premises on the night of 15-3-44. (a) The constable who recovered the stolen property be rewarded Rs.10 through proper authorities. (b) Two night-watchers be appointed whose duty will be to guard the premises of the Society by turns. (c) A general warning be given to all employees of the Society. Council No. 16. 22-3-44.

Letter from Mr. S. C. Chatterjee, requesting to waive the charge of Rs.10 made for using the hall for a meeting called by him on 18-8-44; also to give him free use of the hall for such meetings. May be waived in his case; but he should be asked not to give publicity to the meetings before getting permission from the Society for holding such meetings in the Society's hall and not to use Society's name for his meetings. Council No. 13. 8-9-44.

Circular letter from the Director of Scientific and Industrial Research, Delhi, inviting the co-operation of the Society in connection with the compilation of a Dictionary of Economic Products and Industrial Resources of India. Offer co-operation and enquire specific terms contemplated by the circular. Council No. 2. 23-6-44.

NUMISMATICS.—Letter from Maulvi Shamsuddin Ahmed regarding the classification and cataloguing of coins in the Society's possession. Record and resume work. Liby. Com. No. 8. 5-9-44.

PROVIDENT FUND.—Application from S. K. Roy, General Clerk, for withdrawing a sum of Rs.1,000 from his Provident Fund account with the Society. In view of his completing 20 years' service in the Society, allow him to withdraw Rs.1,000 from his Provident Fund money standing to his account; this withdrawal will not entitle him to claim any gratuity in the event of his retirement. Fin. Com. No. 8. 7-11-44.

Application from Shah Moniuddin Ahmad praying sanction for withdrawal of Rs.2,000 from the Provident Fund Account. In view of his completing 30 years' service in the Society, allow him to withdraw Rs.1,600 from his Provident Fund money standing to his account; this withdrawal will not entitle him to claim any gratuity in the event of his retirement. Fin. Com. No. 3(f). 12-12-44.

PUBLICATIONS.—Consideration of the services of Mr. D. Burman who was appointed provisionally by the Council in July 1943 on a part-time basis on Rs.100 per month to be in charge of the Publication Department till 31-1-44. Mr. Burman to continue till 31-1-45 on the present terms in charge of the Publication Department. Pub. Com. No. 3. 17-1-44.

Report by the General Secretary of the result of his talk with Dr. B. C. Kundu with regard to the reproduction of plates. Accept on three plate basis. For the reproduction of plates obtain estimates from the Calcutta Photoprinting Company or other firms with a view to bringing down the cost of reproduction. Pub. Com. No. 4. 17-1-44.

Report of Sir Jadu Nath Sarkar on the paper *Humayun in Persia* by Sukumar Roy. Read and publish the paper as an independent number of the Journal. Estimates to be obtained from press for consideration by the next meeting of the Publication Committee. Pub. Com. No. 5. 17-1-44.

Recommendation about debiting advertisement bills to Publication Fund Account. Debit advertisement bill regarding book sales to Publication Account. Pub. Com. No. 2. 19-5-44.

Mr. Gurner's letter about distribution of Journals among members. Approved the suggestion; members may be requested to accept either the Science or the Letters numbers of the Journal and Memoirs according to their choice and to forego the other. The choice should be entirely voluntary. Pub. Com. No. 3. 19-5-44.

Report on sale of publications and supply of paper. (1) Record. (2) Request Mr. K. P. Khaitan to seek the co-operation of our life member, Mr. G. D. Birla, in the matter. Council No. 18. 23-6-44.

Consideration of the Paper Control Order of the Government of India affecting the Society's publications. (1) The Council be requested to arrange a representation to the Government of India for (a) an exemption from Paper Control Order, and (b) for an increased allotment of paper for our publication. (2) The Council be also requested to empower the President and the

General Secretary to take necessary steps for the immediate purchase of paper for the Society's publications. Sp. Pub. Com. 20-7-44.

Recommendations of the Special Publication Committee of 20-7-44. The Publication Committee is to prepare a statement showing details as to how the Paper Control Order affects the Society's publications, and to suggest ways and means of economizing for consideration by the Council. Council No. 4. 24-7-44.

Consideration of the Paper Control Order of the Government of India affecting the Society's publications, e.g., *Journal*, *Year-Book*, *Memoirs*, *Catalogues* and works in the *Bibliotheca Indica*, and to suggest ways and means for economizing the publications for consideration of the Council. (a) Follow the rule of the Government of India with regard to the size of our *Journal*. (b) Apply for exemption from restrictions on publications. (c) Failing exemption the average number of papers printed during the last five years (viz. 3,000 pages) should be taken as standard for calculation. (d) It be pointed out to the Government that the Society's publications are irregular, vary greatly from year to year as regards number of pages and many of our publications being in progress must be completed soon. Jt. Pub. & Bib. Com. No. 1. 14-8-44.

Recommendations of a Joint Meeting of the Publication and Bibliotheca Indica Committee with regard to economizing the publications of the Society as a result of the Paper Control Order of the Government of India. Accept including the recommendation to give the dearness allowance to Mr. D. Burman. Council No. 6. 16-8-44.

The following matters were considered: (a) Recommendation of the Publication Committee to publish in the *Memoirs*, R.A.S.B., a paper on 'Kol Tribes' by Dr. W. G. Griffiths involving an expenditure of about Rs.1,900. Recommend to the Council to provide money from the Publication Fund for publishing the paper. This may be done as soon as the paper is available and a special request should be made to the Government for this purpose; (b) Recommendation of the Library Committee to appoint Pandit N. G. Banerji for preparing a summary catalogue and Introduction of the Indian Museum Catalogue of Sanskrit MSS. at a remuneration for the Introduction at the usual rate paid to the editors. Recommend to the Council to accept the recommendation to appoint Pandit Banerji for the specified work and pay him from the Sanskrit MSS. Fund; (c) Recommendation of the Library Committee to pay Pandit N. G. Banerji Rs.125 for scrutinizing and assessing the importance of the MS. catalogued by other two Pandits. Pay from the Sanskrit MSS. Fund. Fin. Com. No. 6. 8-9-44.

Letter from Mr. J. P. Mills, Honorary Director of Ethnography, Assam, dated the 29th August, with regard to the publication by the Society of a monograph on the 'Garos' by Mr. G. D. Walker, M.B.E. Having regard to the recent 100% increase in the rate of printing charges and the difficulty in procuring the paper the Finance Committee cannot recommend to the Council that this monograph be published by the Society during the War unless the Govt. of Assam are prepared to subsidize the work to the extent of at least half of the total cost and also to supply the amount of paper required for the purpose. Fin. Com. No. 7. 8-9-44.

REPRESENTATION.—Representation of the Society on the Council of the National Inst. of Sciences of India for 1944. Dr. W. D. West and Dr. D. M. Bose be re-nominated as an additional Vice-President and an additional Member of Council respectively to represent the Society on the Council of the National Inst. of Sciences of India for 1944. Council No. 1. 19-1-44.

Circular letter from the Hony. Local Secretary, Sixth All-India Library Conference, Jaipur, requesting to nominate one or more delegates to represent the Society at the meeting. Khan Bahadur K. M. Asadullah be requested to represent the Society. Council No. 1. 22-3-44.

Representation of the Society on the Selection Committee of the Calcutta University for the award of the Sarojini Basu Gold Medal for 1944. Dr. R. C. Majumdar be the Society's representative. Council No. 1. 22-5-44.

Letter dated 9-6-44 from the Registrar, Calcutta University, requesting to nominate an expert to represent the Society to serve on the Selection Committee for the appointment of Asutosh Professor of Mediaeval and Modern Indian History for the University. Dr. R. C. Majumdar be the Society's nominee. Council No. 1. 23-6-44.

Memorandum from the Keeper of the Records of Govt. of Bengal on the subject of the next session of the Indian Historical Records Commission regarding nomination of the Research and Publication Committee of the Commission. Record: Mr. Gurner will continue to be the Society's representative on the Research and Publication Committee of the Commission till the expiry of the period in 1946. Council No. 1. 24-7-44.

Representation of the Society at the Seventh Session of the Indian History Congress which will be held in Madras in December 1944. Dr. R. C. Majumdar be the Society's representative. Council No. 1. 8-9-44.

Letter from the Dept. of Edn., Health and Lands, Govt. of India, intimating that the Society has been selected to be a member of the Advisory Board of Archaeology, and requesting to nominate a representative to serve on the Board. The Hon'ble Mr. Justice Edgley be the Society's representative. Council No. 1. 7-11-44.

Request from the Patna University to send a representative of the Society to attend the Silver Jubilee Special Convocation which will be held on the 30th November, 1944. Dr. S. P. Mookerjee to represent the Society. Council No. 11. 7-11-44.

Nomination of a representative of the Society to serve as a member of the Trustees of the Indian Museum in terms of the Indian Museum Act X of 1910. Mr. K. P. Khaitan be the Society's representative. Council No. 2. 18-12-44.

Representation of the Society on the Council of the National Institute of Sciences of India. Sir U. N. Brahmachari and Dr. Girindrasekhar Bose be nominated as an additional Vice-President and an additional Member of Council respectively to represent the Society on the Council of the National Institute of Sciences of India for 1945. Council No. 23. 18-12-44.

REQUESTS.—Consideration of a letter from the officiating Minister for Christian Scientists, Calcutta, requesting to let out a room in the building, or the outhouses now occupied by the menial employees of the Society, for a Christian Science Rest-Room for His Majesty's Forces. Regret. We cannot comply with this request as we have no available space. Special Council No. 1. 4-5-44.

Application from the Honorary Secretary, Calcutta Art Society, requesting to let out a room on the Society's ground-floor for their office. Express regret as no accommodation is available. Council No. 24. 18-12-44.

Letter from Sir Cyril Fox requesting that he may be permitted to continue the use of the room on the ground-floor at a nominal rent in connection with his work on the preparation of an Encyclopaedia on Indian minerals. Allow at a rent of Rs.20 per month. Council No. 16. 16-2-44.

Request for the use of the Society's hall on 8th November for a meeting of the Calcutta Art Society. Allow on payment of Rs.10. Council No. 3. 7-11-44.

SALES.—Letter from the Librarian, Imperial Library, requesting either free supply of the back numbers of the Society's Journal or supply them at concession rate to complete the set in the Imperial Library. Supply at a special discount of 50% in prices of the available numbers. Council No. 3. 16-2-44.

Letter from Mr. S. P. Mahajan (Life Member) requesting a discount of 50% on some books he wants to purchase for presenting to a public library. Books asked for be supplied to the Library direct on application. Pub. Com. No. 6. 21-3-44.

Report on the progress of sales and renewal of concessions in price of Society's publications decided upon in August 1943. Re-advertise in Indian Journals; continue the concession to members and book-sellers only up to 30-6-44. Pub. Com. No. 2. 17-1-44.

Application for book-selling Agency from Sanskrit Pustaka Bhandar. No Agency to be sanctioned. A special discount of 8½% may be allowed over the ordinary trade discount of 25%. only when the party has purchased books worth Rs.1,000 or more in a year. Accounts to be settled at the close of each year during which the normal trade discount of 25% will be payable. The special discount is to be paid after the annual adjustment of accounts. Credit facilities up to Rs.200 to be granted. Pub. Com. No. 6. 5-9-44.

STAFF.—Report of death of Mr. Trin Chen, Sino-Tibetan clerk of the Society in December 1943, and the question of the disposal of the Provident Fund money due to him and gratuity of a month's salary to his legal heir. Sanction Rs.20 already paid. Pay salary for December and other Provident Fund dues to his daughter after consultation with the Consul-General for China. Finance Com. No. 5. 12-1-44.

Consideration of the service of Mr. B. C. Bose, Assistant in the Library. Appoint permanently as an Assistant in the Library on Rs.75—5—125 with a first increment of Rs.5 from January 1944. Liby. Com. No. 2. 19-1-44.

The question of appointment of an Assistant for the Sino-Tibetan section of the Library in place of the late Mr. Trin Chen. Advertise. Liby. Com. No. 2. 16-2-44.

Consideration of the general question of adequacy of existing salaries of staff of the Society (postponed from last meeting). Recommend to the Council that (a) the Rs.2 cut made last year in the food allowance of the menial staff be restored; (b) after considering the various applications for increments, change of grade, etc. the following be granted special allowance: (i) S. M. Ahmed, First Maulvi—Rs.10, (ii) B. M. Chakravarti, Cashier—Rs.5; (c) in view of the long service of the Stock duffry Abdul Wahid, he be given the maximum of his grade, Rs.25; (d) Habib, temporary pasting duffry, be transferred to the stock, and be confirmed as Assistant Stock duffry on the grade Rs.20—1/5—25; (e) these recommendations to take effect from the current month (March 1944). Fin. Com. No. 3. 22-3-44.

Appointment of an Assistant in the Sino-Tibetan section of the Library in place of Mr. Trin Chen deceased. Postpone consideration and request Dr. N. Dutt for a report on the specific requirements of the section. Liby. No. 4. 21-3-44.

Report on the two appointments made in connection with the preservation scheme of the Library, sanctioned by Council, each on a salary of Rs.20 with the usual dearness allowance of Rs.10. Approved. Fin. Com. No. 3. 22-5-44.

Report on the two appointments made in connection with the preservation scheme of the Library, sanctioned by Council, each on a salary of Rs.20 with the usual dearness allowance of Rs.10. (a) Abu Ibrahim, temporary pasting duftry, Sanskrit Section, as a permanent binder in the Library. (b) Shaikh Kasem Ali newly appointed as mender in the Library for three months in the first instance subject to renewal on satisfactory work. Approved. Fin. Com. No. 4. 22-5-44.

Application from Sib Sankar Mitra, Cataloguer of the Library, Eng. Sec., praying for dearness allowance. As the applicant is appointed on a fixed salary, dearness allowance cannot be granted. Fin. Com. No. 6. 22-5-44.

Recommendations of the Library Committee of 13-6-44. (1) Accept. With regard to item No. 6 of the minutes it was resolved that: (2) In case of absence without leave of duftry Nawab and bearer Moinuddin, the General Secretary is authorized to impose a fine up to Rs.1 a day in addition to the forfeiture of that day's salary, (3) Regulations regarding late attendance and absence without leave be strictly applied in the case of all employees of the Society violating them. Council No. 6. 23-6-44.

Question of continuation of the services of Mr. Sib Sankar Mitra, Cataloguer, General Section, appointed provisionally for one year from 1st September, 1943. Re-appoint for three years with an annual increment of Rs.10 only with effect from 1st September, 1944. Grant usual dearness allowance to Mr. Mitra and Mr. Saraswati with effect from this month. Liby. No. 5. 14-8-44.

Question of appointing a part-time Assistant in the Library for records and archives of the Society. Advertise for the post. Liby. No. 7. 14-8-44.

Recommendations of the Library Committee on 14-8-44. (a) Accept. (b) With regard to item No. 5 of the minutes, re-appoint Mr. Sib Sankar Mitra for a period of three years on a fixed salary of Rs.100 p.m. with effect from 1-9-44. (c) Mr. Mitra and Mr. S. K. Saraswati, Librarian, be given the usual dearness allowance. (d) With regard to item No. 7, an Assistant for the files be appointed temporarily for one year, on grade Rs.50—3—80 with the usual dearness allowance. Council No. 5. 16-8-44.

Question of the appointment of a temporary Assistant for old records and archives of the Society. Postpone consideration and write to Dr. S. N. Sen, Director of Archives, for a trained man. Liby. Com. No. 4. 5-9-44.

Question of the appointment of a temporary Assistant for old records and archives of the Society. (Note: Dr. S. N. Sen, Director of Archives, who was referred to as per Library Committee recommendation of 5-9-44, informs that no suitable person is available as the scale of pay offered by the Society is rather low. He suggests that the Assistant, selected by the Society may be deputed to his department for training in indexing, arrangement of records, etc.) Appoint Mr. Prafulla Chandra Pal on probation for one month and take up the question of his substantive appointment and pay after the probationary period is over. Liby. Com. No. 10. 3-11-44.

Recommendations of the Library Committee of 3-11-44. Accept. In this connection the Library Secretary brought to the notice of the Council the irregularity in the attendance of Nawab Jan, duftry, and Sh. Moinuddin, bearer, of the Library and the series of warnings that had no effect on them. It was resolved to dispense with their services with effect from the 8th November, 1944, and to pay them a month's salary and dearness allowance in lieu of the notice and the Provident Fund money with full benefits. Council No. 5. 7-11-44.

The General Secretary reported that Altaf Husain and Khalil have been appointed a duftry and bearer respectively in the vacancies of Nawab Jan and Moinuddin. Approve and record. Liby. Com. No. 6. 8-12-44.

Letter from Mr. Sib Sankar Mitra, Cataloguer, resigning his post with effect from January 1945. Accept resignation. Request candidates to interview before a Selection Committee consisting of Khan Bahadur K. M. Asadullah, Dr. Nalinaksha Dutt and the General Secretary on Friday, the 15th December, 1944, at 5 p.m. Liby. Com. No. 4. 8-12-44.

Application from the late despatcher's wife for the enhancement of her pension. Recommend to have the pension raised from Rs.11 to Rs.12 per month with effect from January 1945. Fin. Com. No. 12. 12-12-44.

Application from A. Michael, Stenographer, requesting the Council to re-consider the decision of the Finance Committee in connection with his application for a further increment in salary. Hold over. In view of the present emergency and of the expanding activities of the Society a Board be constituted consisting of the Hon'ble Mr. Justice Edgley, Messrs. K. P. Khaitan, W. D. West, N. Dutt and the General Secretary as members to consider the pay and the conditions of service of the staff; the Board also to review the work done by the members and make necessary recommendations to the next Council Meeting. Council No. 18. 18-12-44.

Addenda
to
**List of Patrons, Officers, Council
Members, Members, Fellows,
and Medallists**
of the
Royal Asiatic Society of Bengal
on the 31st December, 1944

NEW MEMBERS, 1944

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R = Resident. N = Non-Resident. F = Foreign. L = Life.  
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Date of Election.		
7-2-44	R	Adavi, V. N., B.A. (HONS.), I.A. & A.S., Deputy Accountant-General, Posts and Telegraphs. Calcutta.
5-6-44	N	Ahmed, JAMIL, B.Sc., LL.B., Sub-Editor and Monitor, Counter-Propaganda Directorate, Government of India. Bothwell, Simla.
1-5-44	R	Agrawal, BHURAMAL, B.A., B.L., Advocate, High Court. 1-B Old Post Office Street, Calcutta.
3-7-44	R	Ashutosh BRAHMACHARY. Ramkrishna Vedanta Math, 19-B Raja Raja-krishna Street, Calcutta.
1-5-44	N	Ball, CYRIL FRANCIS, Missionary, Principal, Bankura Christian College. Bankura.
7-2-44	R	Balvally, R. D., Deputy Chief Accounts Officer A.P. 23/24 Ezra Mansions, Calcutta.
3-4-44	R	Band, EDWARD, M.A. (CAMBRIDGE UNIVERSITY), British Ministry of Information, Oriental Scholar. 20 Stephen House, Dalhousie Square, Calcutta.
15-9-44	R	Batia, SETH CHANDMULL. 7 Canning Street, Calcutta.
5-6-44	R	Benthall, ARTHUR PAUL, Partner, Messrs. Bird & Co. Chartered Bank Building, Calcutta.
15-9-44	R	Bernhardt, ERIC, Engineer, Representative, Brown Boveri & Co. c/o Messrs. Volkart Bros., Calcutta.
3-1-44	R	Bhattacharjee, ABANI KANTA, Barrister-at-Law. 11 Clive Row, Calcutta.
15-9-44	R	Bhattacharya, KAMAKHYA CHARAN, Jyotirbhusan. 16 Anath Deb Lane, P.O. Beadon Street, Calcutta.
7-2-44	R	Bhattacharya, SUKUMAR, M.A., Professor of History, Asutosh College. 16 Basanta Bose Road, P.O. Kalighat, Calcutta.
3-7-44	R	Birla, B. KUMAR, Merchant. 8 Royal Exchange Place, Calcutta.
3-3-44	L	Birla, G. D., Businessman. Birla Park, Gurusaday Road, Ballygunge, Calcutta.
3-7-44	R	Birla, KRISHNA KUMAR, Businessman. 8 Royal Exchange Place, Calcutta.
23-8-44	L	Birla, LAKSHMI NIVAS, Merchant. Birla Park, Ballygunge, Calcutta.
3-7-44	R	Birla, MADHAV PRASAD, Merchant. 19 Gurusaday Road, Ballygunge, Calcutta.
3-7-44	R	Birla, G. PRASAD, Merchant. 8 Royal Exchange Place, Calcutta.
7-2-44	R	Bose, AMARCHAND, M.A., Assistant, Calcutta University. 74 Sukea Street, Calcutta.
23-8-44	R	Bose, MANINDRA LAL, M.A., B.L., Barrister-at-Law. 9 Congress Exhibition Road, Park Circus, Calcutta.

Date of Election.		
1-5-44	R	Boulton, H. L., Major, Indian Army, No. 2, C.T.O. 30 Advance Base P.O.
7-8-44	R	Bradley, GERARD ANTHONY, Lance Corporal, 200 Indian Special Intelligence Company, c/o 9 Advance Base P.O.
1-5-44	R	Chanda, APURVA KUMAR, M.A., I.E.S., Principal, Presidency College. College Street, Calcutta.
7-8-44	R	Chatterjee, S. P., Medical Practitioner. 56 Gariahat Road, Ballygunge, Calcutta.
15-9-44	N	Chatterjee, HARI GOPAL, M.A., H.M.D., Assistant, P.G. Department, Calcutta University. Machuabazar Ghat, Chinsura, Hooghly.
3-3-44	R	Chatterji, RAKHA HARI, M.A., B.L., Additional Land Acquisition Collector. 5 Bankshall Street, Calcutta.
15-9-44	N	Choudhuri, JATINDRA MOHAN, B.A. (CAL.), B.T. (DACCA), Shastravata, Headmaster, Haripur H.E. School. P.O. Jibampur, Dinajpur.
15-9-44	R	Chunder, PRATAP CHANDRA, M.A., B.L., Research Student in Indian History. 23 Wellington Street, Calcutta.
1-11-43	N	Claque, PETER, Captain, Royal Artillery. c/o Messrs. Lloyds Bank Ltd., Karachi.
7-2-44	R	Cowen, E. O. BRUCE, LIEUT., R.I.N.V.R., Naval Officer. c/o H.M.I. Naval Office, Calcutta.
6-12-43	N	Das, JYOTIBRENDRA NATH, RAI SAHIB, B.S.C., Deputy Conservator of Forests. Sylhet, Assam.
3-3-44	R	Das, S. A., A.L.A.A. (LOND.), OFFICER D'ACADEMIE (PARIS), Secretary, Messrs. J. Stone & Co. (India), Ltd. P-10 Lake Terrace, P.O. Rashbehari Avenue, Calcutta.
3-7-44	R	Das Gupta, SUBIRAS, B.S.C. (CAL.), M.S.C. TECH. (MANCHESTER), A.I.C. (LONDON), Textile Business. 80 Park Street, Circus, Calcutta.
1-5-44	R	Demetrius, Sr. JOHN, Chartered Accountant, Proprietor, Messrs. George Read & Co. 1 Avenue House, Chowringhee Square, Calcutta.
7-8-44	N	Dewsbury, GELSON THOMAS, Flying Officer, Royal Air Force. c/o Messrs. Lloyds Bank Ltd., New Delhi.
5-6-44	R	Dutton, NEVILLE CHARLES, Assistant Commissioner of Commercial Taxes, Bengal. St. Xavier's College Hostel, 30 Park Street, Calcutta.
5-6-44	R	Edwards, L. BROOKE, Chief Mission Officer, United States Foreign Economic Administration. 1 Esplanade Mansions, Calcutta.
7-8-44	L	Elmhirst, LEONARD KNIGHT, M.A., B.S.C., Special Officer, Bengal, Department of Agriculture. United Service Club, Calcutta.
1-5-44	N	Elwin, VERRIER, M.A., D.S.C. (OXON), F.N.I., F.R.A.I., Field-Anthropologist. P.O. Patangarh, Dindori Tahsil, Mandla Dt., C.P.
3-1-44	N	Feldman, HENRY HERBERT SIDNEY, Major, Royal Artillery. c/o Messrs. Grindley & Co., Ltd., Connaught Place, New Delhi.
1-5-44	N	Ganguly, SARAT KUMAR, Member of the International Educational Council, Haron, U.S.A., Assistant Teacher, H.C.H.E. (Govt.-aided) School. Abusaleh Road, Gaya.
5-6-44	R	Ghani, OSMAN, M.A. (HIST. & ENG.), Professor of English, Now Librarian, Bengal Library. Writers' Building, Calcutta.
3-3-44	R	Ghosh, SUSIL KUMAR, M.A., B.L., Attorney-at-Law. 48/2 Ramtanu Bose Lane, P.O. Beadon Street, Calcutta.
4-12-44	N	Gifford, FREDERICK RICHARD, O.B.E., LT.-COL., I.A., Adviser in Languages and Secretary, Board of Examiners, General Staff Branch, G.H.Q. (India). Simla.
1-5-44	N	Goetz, HERMANN, PH.D., Art Historian, Curator, Baroda State Museum and Picture Gallery. Baroda.
5-6-44	N	Halder, BALARAM, M.A., B.S.C., B.L., Rector, M.E. School. English Bazar, Puratuli, Malda.
3-4-44	N	Harvey, REGINALD CHARLES, B.S.C., A.M.I.C.E., A.I.N.A., Superintendent, Way & Works, E.I. Ry. Moradabad.
3-7-44	N	Holloway, JOHN E., Technical Sergeant, U.S.A. Forces. New Delhi.
1-5-44	R	Husain, MAHDI, M.A., PH.D., D.LITT., Lecturer, Calcutta University. c/o The Department of Islamic History and Culture, Darbhanga Buildings, Calcutta.
5-6-44	A	Hutchinson, EDWARD WALTER, M.A. (CANTAB.). c/o The Hongkong and Shanghai Banking Corporation, Calcutta.
5-6-44	R	Irwin, J. C., Captain, Private Secretary to H.E. the Governor of Bengal. Government House, Calcutta.

Date of Election.		
7-8-44	N	Jan, AGHA MUHAMAD, F.T.S. and Member of G.W.C.S. League (London). Gulzarbagh, Patna.
3-7-44	N	Kejriwal, RAMESHWAR, B.A., Merchant. P.O. Jasidih, Santal Pergs., Bihar.
23-8-44	R	Khaitan, MRS. K. P. 6 South End Park, P.O. Rashbehari Avenue, Calcutta.
3-3-44	R	Khan, MOHIBBUL-HASAN, Lecturer in History, Calcutta University. Flat No. 4, 5/C Sandel Street, Calcutta.
3-7-44	R	Khemka, MADANLAL, President, Marwari Chamber of Commerce and Councillor, Calcutta Corporation. 63 College Street, Calcutta.
15-9-44	R	Leggett, TREVOR BRYCE, Psychological Warfare Division, S.E.A.C. 6 Hungerford Street, Calcutta.
23-8-44	N	Marwood, SIDNEY LIONEL, C.I.E., I.C.S., Adviser to H.E. the Governor of Orissa. Cuttack, Orissa.
15-9-44	R	McCabe, JOSEPH, Psychological Warfare Division, S.E.A.C. 6 Hungerford Street, Calcutta.
23-8-44	N	Misra, RAM KRIPAL, SUSHIL, B.A., SAHITYARATNA, Headmaster, Hindi M.E. School. Sambalpur, B.N.R. (Room No. 5, King Edward Hostel, Kamachha, Benares.)
5-6-44	R	Mitra, PROKASH CHANDRA, B.E., A.M.I.E. (INDIA), Consulting Engineer, Proprietor, P. C. Mitter & Co. 98 Clive Street, Calcutta.
7-2-44	R	Mitra, ROHININDRA LALA, Solicitor. 143 Raja Rajendralala Mitra Road, Belgachia, Calcutta.
7-2-44	R	Mitra, SAILENDRA NATH, M.A., F.C.U., Secretary, Councils of Post-Graduate Teaching in Arts and Science, and Lecturer, Calcutta University, Asutosh Bldg. Calcutta University, Calcutta.
7-2-44	R	Mookerjee, SATKORI, M.A., PH.D., Head of the Dept. of Sanskrit, Calcutta University. 4B Panchanan Ghose Lane, Calcutta.
3-7-44	R	Mullick, BIRENDRA, Landholder. Marble Palace, 46 Mukhtaram Babu Street, Calcutta.
15-9-44	N	Nath, R. M., B.E., Executive Engineer, P.W.D. (Govt. Service). P.O. Jorhat, Assam.
3-1-44	R	Osborn, H. B., D.D.S., F.I.C.D., Dentist. 9 Chowringhee, Calcutta.
7-8-44	R	Patel, HARI RAM, Mineowner and Businessman. P. 301 Southern Avenue, Suite No. 6, P.O. Kelighat, Calcutta.
7-8-44	R	Poddar, BISWANATH, Merchant and Businessman. 115-A Chittaranjan Avenue, Calcutta.
3-1-44	R	Poddar, KISHEN LALL, Merchant, Landowner. 115A Chittaranjan Avenue, Calcutta.
3-4-44	R	Prabhamoyee DEVI, M.A. (CAL. UNIV.), Teacher. 18 Fern Place, Ballygunge, Calcutta.
15-9-44	R	Prasad, REV. AYODHYA, PUNDIT, B.A., Minister of the Calcutta Arya Samaj. 85 Bow Bazar Street, Calcutta.
1-5-44	R	Rahman, FAZLUR, M.A., B.L., M.L.A., Chief Whip, Government of Bengal. 84 Jhowtollah Road, P.O. Circus, Calcutta.
3-1-44	R	Rao, MISS SAKUNTALA, SASTRI, M.A. (ENG.), M.A. (SANSE.), B.LITT. (OXON), VEDANTATIRTHA, Formerly Principal, South Calcutta Girls' College. 210/6 Cornwallis Street, Calcutta.
3-4-44	N	Rex, SYDNEY, CAPTAIN, B.I.A.S.C., British Service Army Officer, Attached to Indian Army, O.C. 841, Ind. Pol. Platoon, S.E.A.C. (or c/o Messrs. Lloyds Bank, Ltd., Bombay).
1-5-44	N	Saksena, JAGDAMBA PRASAD, B.A., B.T. (B.H. UNIVERSITY), Member, Board of Studies in Hindi, Utkal University; Headmaster, Orient Paper Mills Middle English School. Brajrajnagar, Dt. Sambalpur, Orissa.
3-4-44	R	Sara, STANLEY ERIC, Businessman. 103 Clive Street, Calcutta.
4-12-44	R	Saraswati, SARASI KUMAR, M.A., Librarian, Royal Asiatic Society of Bengal and Lecturer, Calcutta University. 6/1 Mahendra Road, Calcutta.
23-8-44	N	Sarma, VENKATARAYA, DHARMARAJAN, PUNDIT, PH.D., Landholder. Narayanasram Badharikavanam, Karavadi P.O., Ongole Tq., Guntur Dist., Madras Presidency.
23-8-44	N	Sastry, J. S. VENKATACHALA, Jodidar, State Pundit of the Native States of Mysore, Cooh Behar and others. 120 Maharashtra Mahila Vidyalaya Road, Visvesvarapuram, Bangalore City.

Date of Election.		
3-7-44	R	Seal, MAHADEB CHANDRA, <i>Landholder and Cashier of Civil Bank of India, Ltd.</i> 15-A Nimtalla Lane, P.O. Beadon Street, Calcutta.
3-4-44	N	Sen, BHUPES LOBHAN, <i>Textile Chemist, Laboratory Technical Officer, Messrs. Volkart Bros. (Dyes Dept.).</i> 224 Bhalchandra Road, Matunga, Bombay 19.
3-4-44	R	Sen, SIBA PADA, B.A. HONS. (LONDON), <i>Professor of History and Politics, C.E.T., Bengal, Jadabpur.</i> 24-B Parkside Road, Kalighat, Calcutta.
7-2-44	R	Sen, SUKUMAR, M.A., PH.D., <i>Lecturer, Calcutta University.</i> 27 Goa Bagan Lane, Calcutta.
3-7-44	N	Sen Gupta, SAILENDRANATH, M.A., <i>Bengal Civil Service (Judicial Branch), Munsif.</i> Dubrajpur, Bengal.
3-3-44	N	Shaha, AKSHAYA KUMAR, B.SC. (Dacca), M.SC. (MOSCOW), <i>Honorary Candidate of Science, U.S.S.R., 1935; Engineer-Scientist, Officer on Special Duty, Supply Department, Government of India.</i> c/o The Director of Industries, Patna.
5-6-44	R	Sharma, SHREENARAYAN, L.A.M.S., BHISHAGARATNA, M.A.S.F., <i>AYURVEDA-CHARYA, KAVIRAJ, BAIDYASHIROMANI, in charge M.R. Society Ayurvedic Rasayanshala.</i> P.O. Champanagar, Bhagalpur.
3-4-44	N	Singh, KALYAN, <i>Raja and Istimardar of Bhinai.</i> P.O. Bhinai, Dt. Ajmer-Merwara, Rajputana.
23-8-44	R	Singhi, RAMCHANDRA, B.A., A.C.A. (LOND.), R.A., <i>Chartered Accountant.</i> 1-B Old Post Office Street, Calcutta.
6-12-43	N	Stein, WALTER EDWARD, D.SC., G.I.C.E., M.P.S., F.I.C.S., A.M.I.CHEM.E. (LOND.), <i>Assistant Works Manager, Indian Ordnance Service.</i> Cordite Factory, Aruvangadu, Nilgiris, S. India.
3-3-44	R	Steven, J. W. R., <i>Managing Director, Messrs. R. Sim & Co.</i> 2 Clive Row, Calcutta.
7-2-44	F	Trivedi, P. K., B.A. (LOND.), <i>Teacher, Indian School.</i> Lindi, T.T., B.E. Africa.
3-4-44	R	Venkataramayya, PAPPU, B.E., A.A.I.E.E., <i>Deputy Assistant Director, Office of the Electoral Commissioner.</i> 4 Hastings Street, Calcutta.
23-8-44	R	Vishwanath, SHASTRI (PUNJAB UNIVERSITY), BYAKARANTHIRTH, <i>Office Superintendent of the All-India Hindu (Arya) Dharma Seva Sangha.</i> 102 Muktaream Babu Street, Calcutta.

NEW LIFE MEMBERS

1-4-25	H. Hobbs (44 N.).	7-8-44	L. K. Elmhirst (44 R.).
3-3-44	G. D. Birla (44 R.).	23-8-44	L. N. Birla (44 R.).

NEW ASSOCIATE MEMBERS

Date of Election.	
3-1-44	RAY, BASANTA RANJAN, <i>Agricultural Institute.</i> Barrackpore, 24-Parganas.
3-1-44	PETER, REV. F. A. <i>Canadian Mission, Palampore, Kangra District, Punjab.</i>

NEW SPECIAL ANNIVERSARY HONORARY MEMBERS

Date of Election.	
15-1-44	PROF. A. V. HILL, F.R.S., M.P., <i>Nobel Laureate, Secretary of the Royal Society.</i> London.
15-1-44	DR. F. K. LI, PH.D., <i>Fellow of Academia Sinica.</i> Chungking, China.

NEW ORDINARY FELLOW

Date of
Election,

7-2-44 GIRINDRASEKHAR BOSE, M.B., D.SC., F.N.I.

CHANGES IN MEMBERSHIP

LIST OF MEMBERS ABSENT FROM INDIA FOR THREE YEARS
AND UPWARDS.

The following names will be removed from the next Member List of the Society under Rule 40 :—

- | | |
|---------------------------|------------------------|
| 1. Mrs. Anina Klebe. | } (Absent since 1941.) |
| 2. E. A. Andrews. | |
| 3. S. M. Ayrton. | |
| 4. A. M. Carstairs. | |
| 5. B. A. Helland. | |
| 6. S. P. Majumdar. | |
| 7. Count Podewils-Durniz. | |
| 8. E. Parker. | |

LOSS OF MEMBERS DURING 1944.

BY RETIREMENT.

Ordinary Members.

1. J. H. Shattock. (1935.)
2. E. R. Gee. (1934.)
3. A. R. Malik. (1941.)
4. F. St. G. de Spendlove. (1942.)
5. H. C. Chakladar. (1920.)
6. P. C. Sanyal. (1943.)
7. P. K. Ghose. (1942.)

BY DEATH.

Ordinary Members.

1. D. E. W. Blaikie. (1943.)
2. Sir P. C. Ray. (1890.)
3. Bahadur Singh Singhi. (1912.)
4. W. A. K. Christie. (1907.)
5. O. Berkeley-Hill. (1936.)
6. Seth Druequer. (1944.)
7. E. L. G. Clegg. (1944.)
8. Sivaprasad Gupta. (1919.)

Honorary Fellows.

1. Sir David Prain. (1920.)
2. H. Lueders. (1939.)

Special Anniversary Honorary Member.

1. Dr. Sir Baron Jayatilaka. (1944.)

UNDER RULE 38.

1. J. Anderson. (1938.)
2. K. Basu-Mazoomdar. (1939.)
3. K. B. Chuckerbutty. (1932.)
4. S. C. Mitra. (1936.)
5. L. D. Stamp. (1923.)
6. John Robert Seal. (1940.)

UNDER RULE 40.

1. A. G. Brocke. (1936.)
 2. C. A. Boyle. (1932.)
 3. J. H. Hutton. (1923.)
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MEDALLISTS

BARCLAY MEMORIAL MEDAL

RECIPIENT.

1943 Sir Upendranath Brahmachari, KT., M.A., M.D., F.S.M.F., F.N.I., F.R.A.S.B.

SIR WILLIAM JONES MEMORIAL MEDAL

RECIPIENT.

1943 Sir S. Radhakrishnan, KT., M.A., D.LITT., F.B.A.

INDIAN SCIENCE CONGRESS (CALCUTTA) MEDAL

RECIPIENT.

1943 S. P. Agharkar, M.A., PH.D., F.N.I.

P. N. BOSE MEMORIAL MEDAL

RECIPIENT.

1943 Sir Lewis L. Fermor, KT., O.B.E., D.SC., F.R.S.

DR. BIMALA CHURN LAW GOLD MEDAL

RECIPIENT.

1943 Suniti Kumar Chatterji, M.A., D.LITT., F.R.A.S.B.

PROCEEDINGS OF THE ORDINARY MONTHLY MEETINGS, 1944

JANUARY

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 3rd, at 5-30 P.M.

PRESENT

DR. K. N. BAGCHI, B.Sc., M.B., F.I.C., D.T.M., F.N.I., Physical Science Secretary, in the Chair.

Members :

Basu, Mr. J. N.	Hobbs, Mr. H.
Bose, Mr. M. M.	Khaitan, Mr. K. P.
Edgley, The Hon'ble Mr. Justice N. G. A.	Nag, Dr. Kalidas
Hendrie, Mr. J. H.	Sukul, Mr. L.

Visitor :

Bhaduri, Dr. J. L.

The Chairman announced the death of Sir John Herbert, lately Governor of Bengal and a Patron of the Society. A vote of condolence was passed, all present standing.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following 14 presentations of books, etc., received during December 1943:—

- (1) From University of Madras—Chandragupta Maurya and his times.
- (2) From the Jodhpur Darbar—Glories of Marwar and Glorious Rathors.
- (3-4) From Teja Singh—The Growth of responsibility in Sikhism and Guru Nanak's Ode.
- (5) From Teja Singh and Ganda Singh—Maharaja Ranjit Singh.
- (6) From Ganda Singh—Banda Singh Bahadur.
- (7-8) From Teja Singh—Sikhism and Psalm of Peace.
- (9) From M. Ishaque—Modern Persian Poetry.
- (10) From R.A.S.B.—Descriptive Guide Book to Calcutta and its Environs.
- (11-12) From Govt. of Bombay—Daulatrao Sindhia and North Indian Affairs, Vols. 8 and 9.
- (13-14) From University of Calcutta—Nama-Rupa and Dharma-Rupa and Calendar Supplement for 1943.

The following candidates were balloted for election as Ordinary Members:—

- (1) Rao, Miss Sakuntala, Sastri, M.A. (Eng.), M.A. (Sansk.), B.Litt. (Oxon), Vedantatirtha, Formerly Principal, South Calcutta Girls' College; 210/6 Cornwallis Street, Calcutta.

Proposer: Khagendranath Mitra. Seconder: K. Nag.

- (2) Osborn, H. B., D.D.S., F.I.C.D., Dentist, 9 Chowringhee, Calcutta.

Proposer: M. M. Haq. Seconder: K. P. Khaitan.

- (3) Feldman, Henry Herbert Sidney, Major, Royal Artillery; c/o Messrs. Grindlay & Co., Ltd., Connaught Place, New Delhi.

Proposer: P. Mitra. Seconder: Suniti Kumar Chatterji.

- (4) Bhattacharjee, Abani Kanta, Barrister-at-Law, 11 Clive Row, Calcutta.

Proposer: M. M. Haq. Seconder: K. P. Khaitan.

- (5) Poddar, Kishen Lall, Merchant, Landowner; 115A Chittaranjan Avenue, Calcutta.

Proposer: Sir Cyril S. Fox. Seconder: N. G. A. Edgley.

- (6) Drucquer, Seth, B.A. (Cambridge), I.C.S., Special Officer, Civil Defence Publicity, Government of Bengal; 20A Stephen Court, Park Street, Calcutta.

Proposer: C. W. Gurner. Seconder: N. G. A. Edgley.

The General Secretary reported that the election of:

(5) Peter Claque, (6) N. Rankin (both elected on 6-9-43), had become null and void under Rule 9.

The General Secretary also reported that the Council had appointed the following to serve on the Advisory Board of the Pramatha Nath Bose Memorial Medal for Geology:—

Dr. W. D. West, Dr. P. K. Ghosh, Prof. N. N. Chatterjee, Dr. S. P. Agharkar, Dr. K. N. Bagchi, Prof. M. M. Chatterjee and the General Secretary.

In accordance with Rule 38, the General Secretary reported that the names of the following Ordinary Members would be suspended as defaulters within the Society's building for the period of a month to be removed from the Society's registers for non-payment unless the amount due be paid before the next Ordinary Monthly Meeting in February 1944:—

1. James Anderson; 2. W. Basu-Mazoomder; 3. K. B. Chuckerbutty; 4. A. Chatterji; 5. D. C. Chatterji; 6. Sir K. G. M. Farouqi; 7. Sir Mohd. Akbar Khan; 8. S. C. Mitra; 9. J. N. Majumdar; 10. L. D. Stamp; 11. J. R. Seal; 12. J. H. Shattock.

In accordance with Rule 40, the General Secretary reported that the names of the following Ordinary Members would be removed from the next member list of the Society:—

1. A. G. Brocke; 2. C. A. Boyle; 3. J. H. Hutton (all absent from India since 1940).

In accordance with Rules 2 and 13, the Chairman called for a ballot for the election of:

(a) Mr. Basanta Ranjan Roy, and (b) Rev. F. A. Peter

as Associate Members of the Society for a period of five years whose names were proposed for election at the last meeting.

The Chairman called upon the General Secretary to read an obituary notice of the late Col. Sir Sidney Burrard, Bart., K.C.S.I., F.R.S. (Special Anniversary Honorary Member of the Society since 1934), written by Dr. J. De Graaf Hunter, C.I.E., F.R.S., Director, War Research Survey, Simla.

The following papers were read:—

1. ALFREDO FROILANO BACHMANN DE MELLO.—*Further Additions to the List of Ciliates living in the Intestine of Rana cyanophlyctis from Nova-Goa.* In this paper, the author has added three more Ciliates to the already recorded specimens found to be living in the intestine of *Rana cyanophlyctis*. They are named (1) *Nyctotherus Cordiformis* Stein, (2) *Opalina virgula* Dobell, and (3) *Opalina (cepedia) dimidiata* var. *cottoniana* var. *nov.* The author has also described the length, breadth and number of individuals of each specimen of Ciliates.

2. K. S. MISRA.—*Description of Day's Specimen of Dentax nufar (Val.) from Sind.* Although Day published an illustration of *Dentax nufar* (Val.) in the Atlas accompanying his book 'Fishes of India', no account of the species or even a reference to it was noticed in the text. Recently while working on the systematic position of a species of *Petrus* from Baghdad, the author made a special endeavour to trace Day's specimen of *D. nufar*, and found it (Register No. 2160, Sind; purchased from Day). It is now included in the genus *Cheimerius* Smith and not in *Dentax* Cuvier. To facilitate reference, a description of the species is given in the paper.

The Chairman announced the result of the ballot for the election of Ordinary Members and the two Associate Members and declared that the candidates had been duly elected.

The Chairman announced that the Annual Meeting of the Society would be held as usual on the first Monday in February, and invited the members present to communicate to the office names and addresses of non-members to whom they wished invitations to be issued.



FEBRUARY

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 7th, immediately after the termination of the Annual Meeting.

PRESENT

DR. SYAMAPRASAD MOOKERJEE, M.A., B.L., D.Litt., LL.D., Barrister-at-Law, President, in the Chair.

Members :

Agharkar, Dr. S. P.
Brahmachari, Sir U. N.
Brown, Mr. Percy
Chatterjee, Mr. F. P.
Dhiman, Mr. M. C.
Dutt, Dr. N.
Edgley, The Hon'ble Mr. Justice N. G. A.
Fawcett, Mr. L. R.
Griffiths, Dr. W. G.
Gangoly, Mr. O. C.

Hag, Mr. M. M.
Hobbs, Mr. H.
Hora, Dr. S. L.
Law, Dr. S. C.
Lort-Williams, Sir John
Rahman, Mr. S. K.
Saha, Dr. M. N.
Siddiqi, Dr. M. Z.
Sukul, Mr. L.
West, Dr. W. D.

The minutes of the last meeting were read and confirmed.

The following candidates were balloted for election as Ordinary Members:—

(7) *Cowen, E. O. Bruce, Lieut., R.I.N.V.R., Naval Officer; c/o H.M.I. Naval Office, Calcutta.*
Proposer: K. Nag. Seconder: N. G. A. Edgley.

(8) *Bhattacharya, Sukumar, M.A., Professor of History, Asutosh College, 16 Basanta Bose Road, P.O. Kalighat, Calcutta.*

Proposer: K. Nag. Seconder: Sir Cyril S. Fox.

(9) *Trivedi, Prabhasanker Keshavji, B.A. (Lond.), Headmaster; The Indian School, 37 Lindi, T.T. (B.E. Africa).*

Proposer: Sir Cyril S. Fox. Seconder: K. Nag.

(10) *Bose, Amarchand, M.A., Assistant, Calcutta University; 7A Sukes Street, Calcutta.*

Proposer: K. Nag. Seconder: N. G. A. Edgley.

(11) *Clegg, Edward Leslie Gilbert, D.Sc., M.I.M.M., F.N.I., Director, Geological Survey of India, 27 Chowringhee, Calcutta.*

Proposer: N. G. A. Edgley. Seconder: W. D. West.

(12) *Adavi, V. N., B.A. (Hons.), I.A. & A.S., Deputy Accountant-General, Post and Telegraphs, Calcutta.*

Proposer: N. G. A. Edgley. Seconder: K. Nag.

(13) *Balbally, Ramarao Dattatraya, Deputy Chief Accounts Officer, A.P.; 23/24 Ezra Mansions, Calcutta.*

Proposer: N. G. A. Edgley. Seconder: K. Nag.

(14) *Sen, Sukumar, M.A., Ph.D., Lecturer, Calcutta University; 27 Goabagan Lane, Calcutta.*

Proposer: K. Nag. Seconder: Sumiti Kumar Chatterji.

(15) *Mitra, Sailendra Nath, M.A., Secretary, Councils of Post-Graduate Teaching in Arts and Science, Fellow, Calcutta University; Asutosh Building, Calcutta University, Calcutta.*

Proposer: Suniti Kumar Chatterji. Seconder: K. Nag.

(16) *Mookerjee, Satkori, M.A., Ph.D., Head of the Department of Sanskrit, Calcutta University; 4B Panchanan Ghose Lane, Calcutta.*

Proposer: K. Nag. Seconder: Suniti Kumar Chatterji.

(17) *Sen, Siva Narayana, Keeper, Nepal Museum and Joodha Jatiya Kalasala, Archaeologist to the Govt. of Nepal, Deputy Director of Anthropological Survey of Nepal, Kathmandu, Nepal.*

Proposer: K. Nag. Seconder: M. Ishaque.

(18) *Mitra, Rohinindralala, Solicitor, 143 Raja Rajendralala Mitra Road, Belegkata, Calcutta.*

Proposer: K. Nag. Seconder: M. Ishaque.

The General Secretary reported that an application for Institutional Membership had been received from:

(13) *Gaudiya Mission, Baghbazar, Calcutta,*
which had been accepted by the Council.

The General Secretary reported that the following members whose names were announced as suspended for a month as defaulters at the last meeting had regularized their position as members of the Society:—

1. Sir Mohd. Akbar Khan; 2. J. H. Shattock; 3. Nawab Sir K. G. M. Farouqi; 4. A. Chatterji.

In accordance with Rules 37 and 38, the Chairman declared that the names of the following Ordinary Members who had, since the last Ordinary Monthly Meeting, been suspended as defaulters within the Society's building, had now been removed from the registers for non-payment of dues:—

1. J. Anderson; 2. W. Basu-Mazoomder; 3. K. B. Chuckerbutty; 4. S. C. Mitra; 5. L. D. Stamp; 6. John Robert Seal.

The Chairman announced the result of the ballot for the election of Ordinary Members and declared that all the candidates had been duly elected.



MARCH

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 6th, at 5-30 P.M.

PRESENT

DR. K. N. BAGCHI, M.B., F.I.C., D.T.M., F.N.I., Physical Science Secretary, in the Chair.

Members :

Basu, Mr. J. N.
Bhattacharya, Mr. S.
Brown, Mr. Percy.
Chatterjee, Mr. B. C.
Chatterjee, Mr. P. P.
Das Gupta, Mr. C. C.
Edgley, The Hon'ble Mr. Justice N. G. A.
Griffiths, Dr. W. G.

Haq, Mr. M. M.
Hobbs, Mr. H.
Khaitan, Mr. K. P.
Nag, Dr. K.
Rahman, Mr. S. K.
Sukul, Mr. L.
West, Dr. W. D.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following 12 presentations of books, etc., received since the last meeting:—

- (1) From Madras Govt.—Letters to Fort St. George, Vol. 43.
- (2) From Anup Sanskrit Library—Anupasimhagunavata.
- (3) From Academy of Nat. Sc. Philadelphia—Scrofulariaceae of W. Himalayas.
- (4-7) From University of Michigan—Contributions from the Laboratory of Vertebrate Biology, Nos. 21-24.
- (8-11) From Smithsonian Institution—Alaska; Island and Peoples of the Indies; Iceland and Greenland; Island Peoples of the Western Pacific.
- (12) From University of Michigan—Museum of Zoology, Miscellaneous Publications, No. 57.

The following candidates were balloted for election as Ordinary Members:—

- (19) Khan, Mohibbul-Hasan, Lecturer in History, Calcutta University, Calcutta.

Proposer: M. Z. Siddiqi. Seconder: L. Sukul.

- (20) Chatterji, Rakha Hari, M.A., B.L., Registrar of Orphans, Bengal; 7 Lakshman Dass Lane, Howrah.

Proposer: O. C. Gangoly. Seconder: K. Nag.

- (21) Ghosh, Susil Kumar, M.A., B.L., Attorney-at-Law; 48/2 Ramtanu Bose Lane, P.O. Beadon Street, Calcutta.

Proposer: P. P. Chatterjee. Seconder: K. Nag.

- (22) Saha, Akshaya Kumar, B.Sc. (Dacca), M.Sc. (Moscow), Honorary Candidate of Science, U.S.S.R., 1935; Engineer-Scientist, Officer on Special Duty, Supply Department, Government of India, c/o The Director of Industries, Patna.

Proposer: K. Nag. Seconder: S. P. Agharkar.

- (23) Das, S. A., A.L.A.A. (Lond.), Officier d' Academie (Paris), Secretary, Messrs. J. Stone & Co. (India) Ltd.; P-10 Lake Terrace, P.O. Rashbehari Avenue, Calcutta.

Proposer: M. Ishaque. Seconder: S. P. Agharkar.

- (24) Steven, J. W. R., Managing Director, Messrs. R. Sim & Co., 2 Clive Row, Calcutta.

Proposer: N. G. A. Edgley. Seconder: K. Nag.

- (25) Birla, G. D., Businessman, Birla Park, Gurusaday Road, Ballygunge, Calcutta.

Proposer: K. P. Khaitan. Seconder: K. Nag.

The General Secretary reported the following loss of membership, since the last meeting, by resignation:—

- (1) J. H. Shattock (An Ordinary Member, 1935).

The General Secretary reported that the election of:

- (1) J. C. Gupta (elected on 1-11-43)

had become null and void, under Rule 9.

The General Secretary reported that Mr. Peter Clague whose election was announced as null and void under Rule 9, at the Monthly Meeting in January, had paid his entrance fee and subscription and been admitted as a member.

The General Secretary reported that the Council since the last Ordinary Monthly Meeting had constituted various Committees of the Society, as follows:—

- (1) Library Committee:

President, General Secretary, Treasurer and all Sectional Secretaries (*ex-officio*), and Khan Bahadur K. M. Asadullah.

- (2) Publication Committee:

President, General Secretary, Treasurer and all Sectional Secretaries (*ex-officio*), and Dr. S. K. Chatterji.

- (3) Finance Committee:

President, General Secretary, Treasurer (*ex-officio*), Dr. S. L. Hora, The Hon'ble Mr. Justice N. G. A. Edgley, Mr. Percy Brown and Mr. K. P. Khaitan.

(4) *Programme Committee :*

President, General Secretary, Treasurer (*ex-officio*), The Hon'ble Mr. Justice N. G. A. Edgley, Dr. K. N. Bagchi, Dr. W. G. Griffiths, Dr. R. C. Majumdar, Mr. L. R. Fawcus, Mr. Percy Brown and Dr. W. D. West.

(5) *Bibliotheca Indica Committee :*

President, General Secretary, Treasurer (*ex-officio*), Dr. S. K. Chatterji, Dr. N. Dutt, Dr. M. Z. Siddiqi, Dr. B. C. Law, Sir J. N. Sarkar, Dr. M. Ishaque, Dr. P. C. Bagchi, Mr. M. M. Haq and Dr. Satkori Mookerjee.

The General Secretary reported, that the Council, since the last Monthly Meeting, considered a proposal from Dr. S. L. Hora, a member of Council, with regard to the participation by the Society in any discussion on the programme of the post-war scientific, industrial and cultural reconstruction of India, and they had arrived at the following decision:—

- (1) Approve the proposal of Dr. Hora ;
- (2) two permanent Advisory Boards, Scientific and Cultural, be constituted with powers to formulate post-war reconstruction schemes relating to science and culture; such schemes, after due scrutiny by the Boards, should be placed before the Council for their approval and in due course be forwarded to the proper authorities for necessary action;
- (3) the Boards to consist of:

Scientific :

Dr. M. N. Saha ; Dr. S. C. Law ; Dr. S. P. Agharkar ; Dr. K. N. Bagchi ; Dr. W. G. Griffiths ; Dr. J. B. Grant ; Dr. S. L. Hora ; Dr. W. D. West.

Cultural :

Dr. S. P. Mookerjee ; The Hon'ble Mr. Justice N. G. A. Edgley ; Dr. R. C. Majumdar ; Dr. Kalidas Nag ; Mr. C. W. Gurner ; Dr. N. Dutt ; Dr. M. Z. Siddiqi ; Dr. B. C. Law ; Mr. L. R. Fawcus ; Mr. Percy Brown ; Mr. M. Ishaque ; Mr. K. P. Khaitan ;

- (4) the Boards to have powers to co-opt additional members ;
- (5) each Board to appoint its own Chairman and Secretary in conformity with Rule 63 ;
- (6) the first meeting of the Boards to be convened by the General Secretary of the Society.

The General Secretary reported that the Council, since the last Ordinary Monthly Meeting, considered a letter from Dr. B. C. Law proposing that the talks at the Discussion Meetings should be published in a book form by the Society, and passed the following order:—

- (1) Accept Dr. Law's suggestion, and collect as many abstracts of the talks at the Discussion Meetings as possible from the beginning to date with a view to their publication ;
- (2) have the abstracts of the talks, questions, answers, etc. at all Discussion Meetings published in the 'Advance Proceedings' following the procedure already adopted in 1934 after the 150th Jubilee ;
- (3) the main talks should not be published *in extenso* but be limited to three pages of printed matter.

In accordance with Rule 48(d), the General Secretary submitted for confirmation by the meeting that the Council had allowed the continuance of the travelling allowance of Rs.150 p.m. to be paid to the General Secretary for the current financial year 1944-45.

Order: Confirm.

The following papers were read:—

1. R. D. SAKSENA.—*Anatomical Studies on Indian Plant Galls. Part II.* (Dr. S. P. Agharkar communicated the paper.) This is a continuation of a paper on the subject (Part I) published in the Society's Journal (vol. VIII, 1942, *Science*, No. 1). In this part the author gives brief accounts of the anatomical characters of some more common plant galls found in India.

The paper is illustrated by plates and text-figures.

2. BAINI PRASHAD.—*Rāja Birbal—a bibliographical Study and an Account of his Articles of Worship.* In this paper the author has endeavoured to give a bibliographical account of Rāja Birbal or Rāja Birbar who was a Hindu diplomat of Akbar's reign, and a member of the assembly of *Nau Ratna (Navaratna)* or the 'Nine Jewels' in his kingdom. The author has brought out several new and interesting sidelights in his character.

The author has also described the religious tenets of Rāja Birbal, basing his conclusions on the collection of Rao Bahadur Radha Krishna Jalan of Patna.

The paper is illustrated by photographs of articles of worship.

3. CHARU CHANDRA DAS-GUPTA.—*Supplement to Bibliography of ancient Indian terracotta Figurines.* This is a continuation of the article 'Bibliography of ancient Indian terracotta figurines' published in the Journal of the Society (*Letters*, vol. IV, pp. 67–120). In this paper all writings on this topic from 1937 to date have been summarized. Indexes showing the author, find-spot, subject and geography have been added.

The following communication was made:—

1. CHINTAHARAN CHAKRAVARTI.—*A unique Work on Vedānta.* The Society possesses a manuscript of a unique work on Vedānta called the *Saugatasūtravyākhyānakārikā*, which is attributed to Kumārilasvāmin. The author finds it corrupt and intends to draw the attention of the scholars to it with a view to ascertain if any other manuscript of this work is found at any other place.

The following exhibits were shown and commented upon by the General Secretary:—

1. *Three rare and interesting Manuscripts belonging to the Society's Library.*

(a) *Meghadūta*, 'The Cloud Messenger', by Kālidāsa. Description: Country-made paper; Nāgari; dated *Samvat* 1548/1490 A.D. Manuscripts of this celebrated poem of such an early date are extremely rare.

(b) *Tahdhīb Sharh As-sab' Al-mu'allaqāt.* This is a commentary by Imām 'Alī b. 'Abdu'l-lah Al-Wahrānī on the seven ancient poems. Copied in good old Egyptian Naskh at Qāhira (Cairo) in *Hijra* 515/1119-20 A.D. The manuscript of this work is extremely rare.

(c) *Adāb-i-'Alamgiri.* A collection of official letters and various documents belonging to the reign of Aurangzib, written in his name by his Secretary, *Abū'l Faṭḥ Qābil Khān*, and collected and arranged by Ṣādiq Muṭṭalibī (died H. 1129/1716 A.D.). Copied in Indian Nastaliq in the 16th year of Muḥammad Shāh's reign, i.e. H. 1146/1733 A.D.

The Chairman announced the result of the ballot for the election of Ordinary Members and declared that all the candidates had been duly elected.



APRIL

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 3rd, at 5-30 P.M.

PRESENT

DR. S. P. AGHARKAR, M.A., Ph.D., F.N.I., Biological Secretary, in the Chair.

Members :

Biswas, Dr. K.
Chatterjee, Mr. B. C.
Chatterjee, Mr. P. P.
Habibullah, Dr. A. B. M.
Haq, Mr. M. M.

Hobbs, Mr. H.
Nag, Dr. K.
Rahman, Mr. A. F. M. K.
Rahman, Mr. S. K.
West, Dr. W. D.

Visitors :

Benthall, Mr. A. P., Bhaduri, Mr. J. L., and Spencer, Dr. E.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following four presentations of books received in the Library during February:—

- (1) From Karnatak Publishing House—Critical Studies in the Mahabharata.
- (2) From Harvard Yenching Institute—Vedic Exemplarism.
- (3) From Nizam Govt.—The Chenchus, Vol. 1.
- (4) From Kalidas Nag—Calcutta, Past and Present. (Indian History Congress, 3rd Session, 1939.)

The following candidates were balloted for election as Ordinary Members:—

- (26) *Sen, Siba Pada*, B.A. Hons. (London), Professor of History and Politics, C.E.T., Bengal, Jadabpur; 10 Parkside Road, Kalighat, Calcutta.

Proposer: Chintaharan Chakravarti. *Seconder*: N. G. A. Edgley.

- (27) *Sen, Bhupes Lobhan*, Textile Chemist, Laboratory Technical Officer, Messrs. Volkart Bros. (Dyes Dept.); 224 Bhalchandra Road, Matunga, Bombay 19.

Proposer: Chintaharan Chakravarti. *Seconder*: N. G. A. Edgley.

- (28) *Band, Edward*, M.A. (Cambridge University), British Ministry of Information, Oriental Scholar; 20 Stephen House, Dalhousie Square, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: Sir Cyril S. Fox.

- (29) *Rex, Sydney*, Captain, R.I.A.S.C., British Service Army Officer Attached to Indian Army; c/o Admin. Comdt. Ledo, 6 Advance Base P.O. (or c/o Messrs. Lloyds Bank, Ltd., Bombay).

Proposer: N. G. A. Edgley. *Seconder*: Sir Cyril S. Fox.

- (30) *Harvey, Reginald Charles*, B.Sc., A.M.I.C.E., A.I.N.A., Executive Engineer, Indian State Railways, U.S. Club, Calcutta.

Proposer: W. D. West. *Seconder*: L. R. Fawcus.

- (31) *Sara, Stanley Eric*, 103 Clive Street, Calcutta.

Proposer: Sir Cyril S. Fox. *Seconder*: N. G. A. Edgley.

- (32) *Venkataramayya, Pappu*, B.E., A.A.I.E.E., Deputy Assistant Director, Office of the Electoral Commissioner, 4 Hastings Street, Calcutta.

Proposer: K. Nag. *Seconder*: N. G. A. Edgley.

- (33) *Singh, Kalyan*, Raja of Bhinai, Istimardar of Bhinai, P.O. Bhinai, Dt. Ajmer-Merwara, Rajputana.

Proposer: N. G. A. Edgley. *Seconder*: O. C. Gangoly.

- (34) *Prabhamoyee Devi*, M.A. (Cal. Univ.), Teacher, 18 Fern Place, Ballygunge, Calcutta.

Proposer: O. C. Gangoly. *Seconder*: L. Sukul.

The General Secretary reported the death of:—

- (1) Sir David Prain, an Honorary Fellow of the Society, since 1920; Barclay Memorial Medal recipient in 1909 and 1941; Brühl Memorial Medal recipient in 1938.

A vote of condolence was passed, all present standing.

The General Secretary reported the following loss of membership, since the last meeting, by resignation:—

- (2) E. R. Gee (An Ordinary Member, 1934).
- (3) A. R. Malik (An Ordinary Member, 1941).

The General Secretary reported that the election of:

- (2) C. G. Haidar Khan (elected on 6-12-43)

had become null and void under Rule 9.

In accordance with Rule 48(a), the General Secretary reported for information of the meeting, the following changes made in the Regulations regarding the Election of Ordinary Fellows:—

- Reg. 3.—For the duration of the war, the issue of the blank nomination papers be brought forward to 15th of March instead of 15th of July, and
Reg. 5.—Nomination papers must be received back by the 1st of July, instead of 1st of October.

The following papers were read:—

1. S. N. CHAKRAVARTY.—*An outline of the Stone Age in India.*

The paper contains a summary of the researches in Indian prehistory so far made. As a result of the geological and archaeological discoveries made by the Yale-Cambridge North-India Expedition under the direction of Dr. H. de Terra, the old belief of the foreign derivation of the Indus Valley civilization should be discarded. Going backwards from 3400 B.C., a correlation of the civilizations of the Indus and Tigris-Euphrates Valleys can be made out. The Mohenjodaro period corresponds to the Early Dynastic period of Mesopotamia, and the Amri to the Jemdet Nasr. Stages corresponding to the Uruk and al 'Ubaid phases of Mesopotamian civilization remain yet to be found in India. If systematic explorations were undertaken in the Indus Valley and its border lands, no doubt the gaps between the chalcolithic and neolithic periods in India could be filled up.

2. A. P. BENTHALL.—*Corypha Palms in Bengal.*

This paper gives an account of three palms found in Bengal parks and gardens belonging to the genus *corypha* Linn. These plants are remarkable for the fact that they flower only once at the end of a long life, when they produce an immense inflorescence that towers from the summit of the stem far above the crown of leaves. The principal differences between the three species are pointed out in order to facilitate their identification. A brief description of each species is given together with an account of its distribution and economic uses. One species, *Corypha Taliera* Roxb., has never been found in a wild state and is only known in Bengal gardens; it has now become rare and may be represented by only a single specimen in the Royal Botanic Garden.

3. J. L. BHADURI.—*On two Salientian Tadpoles, Rana blanfordii Boulenger and Bufo himalayanus Günther, from the Ha Valley, Bhutan, Eastern Himalayas.*

The author records in this paper two Salientian tadpoles, *Rana blanfordii* Boulenger and *Bufo himalayanus* Günther, from the Ha Valley Lake, Bhutan, in the Eastern Himalayas, at an altitude of 13,000 feet. This considerably extends the altitudinal breeding sites of the two species, and especially the distribution of the former. A description of *R. blanfordii* tadpoles has been given, illustrated by diagrams, as the previous descriptions on them are brief and inadequate.

The following exhibits were shown and commented upon:—

1. M. MAHFUZ-UL HAQ.—*A beautiful Persian Manuscript of the sixteenth century.* This beautiful manuscript of the selected verses of Hasan of Delhi, Hafiz, Jami, Kātibī, Shāhī and other well-known Persian poets, was transcribed by a distinguished calligraphist, Mir 'Arab al-Husayni, in 987/1579. He may be identical with 'Arab Shirāzi who flourished under 'Abdullāh Qutb Shāh of Golkunda.

The manuscript is a fine specimen of superb calligraphy; it is beautifully illuminated and the margins are finely decorated with geometrical and floral designs, on paper of variegated colour.

The manuscript once belonged to the royal library of the Mughals as appears from the notes and *Arddidsa* of the Mughal librarians, two of which dated 1074/1663

(of the reign of Shāhjahān) and 1089/1678 (of the period of Aurangzib), seem to be the oldest.

2. THE GENERAL SECRETARY.—*Two Manuscripts belonging to the Society's Library.*

(a) *Mālavikāgnimitram* by Kālidāsa. Country-made paper. Nāgarī. *Samvat* 1554/1500 A.D. Such early manuscripts are very rare.

(b) *Rasā'ilu'l-Ghazālī*. Two rare treatises on Sufism by Abū Hāmid Muḥammad (born H. 451/1059 A.D.). Copied in Persian Nastaliq by Aḥmad in H. 851 and 852/1447 and 1448 A.D.

The Chairman announced the result of the ballot for the election of Ordinary Members and declared that all candidates had been duly elected.



MAY

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 1st, at 5-30 P.M.

PRESENT

K. P. KHATTAN, Esq., M.A., B.L., Barrister-at-Law, Member of the Council, in the Chair.

Members :

Biswas, Dr. K. P.
Chatterjee, Mr. B. C.
Chatterjee, Mr. P. P.
Culshaw, Rev. W. J.
Edgley, The Hon'ble Mr. Justice N. G. A.
Gangoly, Mr. O. C.
Griffiths, Dr. W. G.
Habibullah, Dr. A. B. M.
Hai, Mr. H. M. Abdul
Haq, Mr. M. M.

Hawas, Mr. R. M.
Hendrie, Mr. J. H.
Hobbs, Mr. H.
Meyer, Miss S.
Mitra, Miss P.
Nag, Dr. Kalidas
Rahman, Mr. A. F. M. K.
Ray, Mr. S.
Venkataramayya, Mr. P.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following 11 presentations of books, etc., received in March for the library:—

- (1) From Kalidas Nag—Report of the Special Committee on Education.
- (2) From A. V. Hill—Scientific Education and research in relation to National Welfare.
- (3) From S. C. Chatterjee—Magadha Architecture and Culture.
- (4) From H. H. Goswami Shri Govind Lalji—Imperial Farmans.
- (5) From R. Shafer—Further analysis of the Pyu Inscriptions.
- (6) From Indian Science Congress Assn.—Proc. 30th Congress.
- (7) From Madras Govt.—Letters from Fort St. George, Vol. 30.
- (8) From Madras Govt.—Letters from Fort St. George, Vol. 38.
- (9) From Madras Govt.—Diary and Consultation Book, Vol. 85.
- (10) From Annamalai University—A History of the Gingee and its Rulers.
- (11) From Govt. of U.P.—Final Settlement Report of Gonda District.

The following candidates were balloted for election as Ordinary Members:—

(35) *Rahman, Fazlur*, M.A., B.L., M.L.A., Chief Whip, Government of Bengal; 84 Jhowtollah Road, P.O. Circus, Calcutta.

Proposer: A. B. M. Habibullah. *Seconder*: A. F. M. K. Rahman.

(36) *Saksena, Jagdamba Prasad*, B.A., B.T. (B.H. University), Headmaster, Orient Paper Mills Middle English School, Brajrajnagar, Dt. Sambalpur, Orissa.

Proposer: M. S. Alimuddin. *Seconder*: K. Nag.

(37) *Husain, Mahdi*, M.A., Ph.D., D.Litt., Lecturer, Calcutta University, c/o The Department of Islamic History and Culture, Darbhanga Buildings, Calcutta.

Proposer: K. Nag. *Second*: R. C. Majumdar.

(38) *Chanda, Apurva Kumar*, M.A., I.E.S., Principal, Presidency College, College Street, Calcutta.

Proposer: K. Nag. *Second*: S. K. Chatterji.

(39) *Demetrius, St. John*, Chartered Accountant, Proprietor, Messrs. George Read & Co., 1 Avenue House, Chowringhee Square, Calcutta.

Proposer: H. Hobbs. *Second*: K. Nag.

(40) *Ganguly, Sarat Kumar*, Member of the International Educational Council, Haron, U.S.A., Assistant Teacher, H.C.H.E. (Govt. Aided) School, Abusaleh Road, Gaya.

Proposer: M. S. Alimuddin. *Second*: K. Nag.

(41) *Boulbee, H. L.*, Major, Indian Army, No. 2, C.T.C., 30 Advance Base P.O.

Proposer: M. S. Alimuddin. *Second*: K. Nag.

(42) *Ball, Cyril Francis*, Missionary, Principal, Bankura Christian College, Bankura.

Proposer: W. J. Culshaw. *Second*: K. Nag.

(43) *Elwin, Verrier*, D.Sc. (Oxon), F.N.I., F.R.A.I., Field-Anthropologist, Bhumijan Seva Mandal, P.O. Patangarh, Dindori Tahsil, Mandla Dt., C.P.

Proposer: B. S. Guha. *Second*: B. N. Chopra.

(44) *Agrawal, Bhuramal*, B.A., B.L., Advocate, High Court; 1-B Old Post Office Street, Calcutta.

Proposer: R. D. Chokhani. *Second*: K. Nag.

(45) *Gostz, Hermann*, Ph.D., Art Historian, Curator, Baroda State Museum and Picture Gallery, Baroda.

Proposer: B. Bhattacharyya. *Second*: N. Dutt.

The General Secretary reported the following loss of membership, since the last meeting, by death:—

(2) D. E. W. Blaikie (An Ordinary Member, 1944).

The General Secretary reported the following loss of membership, since the last meeting, by resignation:—

(4) F. St. G. Spendlove (An Ordinary Member, 1942).

In accordance with Rule 48(a), the General Secretary reported that the Council, since the last Ordinary Monthly Meeting, had adopted certain additional regulations regarding the library, as follows:—

1. The Staff attached to the Library in all its sections shall be directly under the care and supervision of the Librarian.

2. The Librarian shall maintain an Attendance Register as well as a Diary for the staff, to be countersigned by him every day.

3. All bills relating to purchase of books shall be certified by the Librarian before payments are made. The certificate should include the accession numbers assigned to the books.

4. No expenditure on any other item pertaining to the Library, e.g. binding, preservation, etc., shall be sanctioned except after a report from the Librarian and no payment shall be made on that account without a certificate from the Librarian.

5. No papers or correspondence, etc., pertaining to the Library shall be referred by the office direct to any member of the Library staff other than the Librarian.

6. The Librarian shall be furnished with imprest-money, not exceeding Rs.25, to meet contingent expenses, relating to the Library, which amount shall be recouped at the end of every month. Imprest cash shall be made available to the Librarian through the Cashier.

7. The Librarian shall maintain a register showing the monthly requirements of stationery by the members of the Library staff, which shall be supplied from the General Office on the last day of each month.

8. During the time the Librarian is away and for Saturday and holiday turns he shall take steps to place one responsible person in charge.

The Chairman called upon Dr. K. P. Biswas to read an obituary notice of the late Sir David Prain (An Honorary Fellow of the Society since 1920).

The following papers were read:—

1. H. F. MOONEY.—*A list of Plants recorded from the Pāts of Ranchi and Palamau Districts and the States of Jashpur and Surguja.*

In this paper, the author has given a list of 630 plants collected or noted by him in the Pāts of Ranchi and Palamau Districts, and the States of Jashpur and Surguja in Bihar. ('Pāts' is the local name for tablelands. The Pāts are remarkable for the level nature of their summits which have a general altitude of 3,400 to 3,000 feet above the sea-level. The best known of these is the Netarhat Pāt in the Palamau District, 3,500–3,700 feet.) He has also added to the list species recorded by Haines in his *Botany of Bihar and Orissa* as occurring at Netarhat on the higher hills of the Ranchi and Palamau Districts. The great majority of records have been made at altitudes exceeding 3,000 feet but in some cases specimens in elevation down to 2,500 feet have also been included. Short notes are given of the habitat and locality in which each plant was observed.

2. YANG CHIH-CHIU.—*A new Discovery referring to Marco Polo's Departure from China from the Chinese Sources.*

Much has been done to the solution of the many puzzled questions in the book of Marco Polo. The identification of places, interpretation of strange terms, the illustration of obscure customs—all these have been largely worked out by the laborious researches of the lovers of this Venetian traveller.

Marco Polo has undoubtedly resided in China for a long time, but none has been able so far to find mention of him in any Chinese sources of information.

The author came across a Chinese book, entitled Jan-Chi, which is an odd collection of Governmental documents containing regulations and ordinances regarding the post system in the Mongol period of the Chinese history. Although the name of Marco Polo is not mentioned in this book, the author has noticed certain resemblances in details in Jan-Chi and the book of Marco Polo.

Conclusions.

3. TSOMING N. SHIAH.—*Some etched Carnelian Beads from Egypt.*

In this short paper, the author by a study of the designs and etchings of the carnelian beads from Egypt has endeavoured to show that the beads are valuable archaeological evidence for revealing the culture of a country.

4. SUKUMAR RAY.—*Humāyūn in Persia.*

The paper gives a detailed account of Humāyūn's life and sojourn in Persia. It describes his journey to the Shāh's court, reception by the Shāh, breach between the two monarchs, Humāyūn's conversion to the Shiah faith and *rapprochement* with the Shāh, his return to Qandahār via Tabriz and Ardabil and the occupation of Qandahār with the help of the Persian force. Many new details have been given about the route followed by Humāyūn on his way to the Safavid court, and return homewards, the treatment accorded to him by Shāh Tahmāsp as well as the description of the ceremonies and festivities in which Humāyūn participated. The chronology has been critically examined and reconstructed and the correspondence between Humāyūn and Shāh Tahmāsp is utilized and published for the first time. The question whether Humāyūn accepted the Shiah faith and lived and died as a Shiah has been fully discussed. The sieges of Qandahār have also been critically studied and a thorough and careful study of several MSS. of Jauhar, the main original authority for the subject, has revealed new facts. The romance of the

famous diamond Koh-i-noor, which Humāyūn presented to the Shāh, has also been narrated.

The paper is based on all available materials, printed Persian works as well as unpublished Persian MSS. in India and Europe. Works, compiled by Persian chroniclers in Persia, have also been utilized to do full justice to the Safavid or Persian standpoint.

The following exhibits were shown and commented upon:—

1. M. MAHFUZ-UL HAQ.—*A valuable Persian Manuscript of the Poems of Ṣanā'ī.*

This precious, little manuscript of the *Diwān* of Ṣanā'ī, a distinguished Persian poet who came to India during the reign of the emperor Akbar, about 985/1577, has the following noteworthy features:—

- (i) It is, apparently, the oldest copy of the *Diwān* of the poet that has yet come to light; it was copied in 1038/1628, or only 70 years after the death of the poet, which took place in 996/1588;
- (ii) It contains Ṣanā'ī's very rare *Maṣnavī* poem, entitled *Sadd-i-Sikandar*, or *Bāgh-i-Iram*, which he dedicated to the emperor Akbar. No copy of the work is known to exist in India; only a defective copy (No. 250) is preserved in the O.P. Library, Patna. In Europe too, only the Bodleian Library possesses two copies (Nos. 1048 and 1049), the older of which is dated 1108/1696.

2. THE GENERAL SECRETARY.—*Three Manuscripts belonging to the Society's Library.*

(1) Rasadipikā (No. I.M. 3622) by Ānandānubhava Yogin. Country-made paper. Nāgarī. Samvat 1462 = A.D. 1404. This is an important work on Hindu Chemistry, copies of which are extremely rare. Only two other copies are known, both of them undated and apparently not very old. Apart from the value of the text dealing with a branch of positive science, which, some say, the Hindus ignored, its date in the beginning of the fifteenth century A.D. is a sufficient evidence of the importance of the present copy.

The author, Ānandānubhava Yogin, wrote two other works, namely, Tarkadipikā and Nyāya Kandali. His date is not definitely known, but, as the present manuscript shows, it cannot be later than the fourteenth century A.D. The work has been mentioned by one Vaidyārāja in his *Sukhabodha*, which was composed in the year 1624, either 1567 or 1702 A.D., according as the year is referred to the Vikrama or the Saka era. Perhaps the author is the same as Ānanda, the Naiyāyika, or Ānanda, the Vaidya, who was one of the celebrated guests at the reception held by Mankha, a Kashmirian poet who flourished in the first half of the twelfth century A.D., on the occasion of the completion of his famous poem, *Śrīkaṇṭhacaritam*.

(2) Sirājū'l-Mulūk (No. 1243): The flambeau of Kings by Abū Bakr Muḥammad bin Walid at-Turtūshā, who was born at Turtūsh (Tortosa, a town in Aragon, Spain) in A.H. 451 = A.D. 1059. He came to Baghdād and Baṣra for study and stayed for a long time in Syria. He died in Alexandria in A.H. 520 = A.D. 1126.

The text deals with the duties of sovereigns and their rules of conduct illustrated by copious historical anecdotes.

The work was dedicated to Nizāmu'd-Dīn Abū 'Abdullah Muḥammad al-'Āmirī, who was appointed Wazīr by the Fatimide Khalif al-'Āmir in A.H. 515 = A.D. 1121 and was deposed in A.H. 519 = A.D. 1125.

Written in good Arab Naskh—probably in the thirteenth century A.D.

(3) Laṭā'ifu'l-Akhbār (No. 156) composed by Mirzā Badi'uz-Zaman Rashīd Khān (died A.H. 1107/1695-96) probably under the orders of Prince Dārā Shikūh, the eldest son of Emperor Shāh Jahān who met with a tragic death at the hands of his brother Aurangzib in 1659 A.D.

The work, sometimes also known as *Tārīkh-i-Qandahārī*, gives a detailed account of the siege of Qandahār by Dārā Shikūh and is divided into three sections:—

- (i) Account of some previous events up to the march of Dārā Shikūh to that place in A.H. 1063 = A.D. 1652-53.
- (ii) Events of the siege of Qandahār, recorded day by day, from the 10th of Jumada to the 15th of Zulqā'da, A.H. 1063 = A.D. 1652-53.
- (iii) Return of the prince to Multān.

Besides anecdotes, it contains valuable historical and geographical information. Written in clear Nasta'liq about 100 years ago.

In the copy there is a note on the fly-leaf, probably by H. Blochmann.

The Chairman announced the result of the ballot for the election of Ordinary Members and declared that all candidates had been duly elected.



JUNE

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 5th, at 5-30 P.M.

PRESENT

Dr. S. L. HORA, D.Sc., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B., Member of Council, in the Chair.

Members :

Chatterjee, Mr. P. P.
Chatterji, Mr. D. C.
Haq, Mr. M. M.

Khaitan, Mr. K. P.
Nag, Dr. Kalidas
West, Dr. W. D.

At the outset, the Chairman announced the death of Dr. Sir Baron Jayatilaka, Kt., who was a Special Honorary Centenary Member of the Society, elected at the Annual Meeting on 7th February, 1944.

Dr. Kalidas Nag gave a life sketch and work of Dr. Jayatilaka, after which a vote of condolence was passed, all present standing.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following five presentations of books, etc., which had been placed on the table for inspection:—

(1-4) From Smithsonian Institution—An Introduction to the ceramics of tres Zapotes Vera Cruz, Mexico; Archaeological Investigation in Platte and Clay countries, Missouri; Burma—Gateway to China; Annual Reports of the Board of Regents, 1942.

(5) From Trustees, Prince of Wales Museum—Report for the year 1942-43.

The following candidates were balloted for election as Ordinary Members:—

(46) *Ghani, Osman*, M.A. (Hist. and Eng.), Professor of English; Now Librarian, Bengal Library, Writers' Buildings, Calcutta.

Proposer: C. Isch Wall. *Seconder*: R. C. Majumdar.

(47) *Dutton, Neville Charles*, Assistant Commissioner of Commercial Taxes, Bengal; St. Xavier's College Hostel, 30 Park Street, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: L. R. Fawcett.

(48) *Hutchinson, Edward Walter*, M.A. (Cantab.), c/o The Hongkong and Shanghai Banking Corporation, Calcutta.

Proposer: H. Hobbs. *Seconder*: N. G. A. Edgley.

(49) *Sharma, Shreenarayan*, I.A.M.S., Bhisagaratna, M.A.S.F., Ayurvedacharya, Kaviraj, Baidyashiromani, in charge M.R. Society Ayurvedic Resayanshala, P.O. Champanganagar, Bhagalpur.

Proposer: R. C. Majumdar. *Seconder*: Satkori Mookerjee.

(50) *Irwin, J. C.*, Captain, Private Secretary to H.E. The Governor of Bengal, Government House, Calcutta.

Proposer: E. B. H. Baker. *Seconder*: N. G. A. Edgley.

(51) *Ahmed, Jamil*, B.Sc., LL.B., Sub-Editor and Monitor, Counter-Propaganda Directorate, Government of India, Bothwell, Simla.

Proposer: David Roy. *Seconder*: J. P. Mills.

(52) *Edwards, L. Brooke*, Chief Mission Officer, United States Foreign Economic Administration, 1 Esplanade Mansions, Calcutta.

Proposer: K. Nag. *Seconder*: R. C. Majumdar.

(53) *Benthall, Arthur Paul*, Partner, Messrs. Bird & Co., Chartered Bank Buildings, Calcutta.

Proposer: Kalipada Biswas. *Seconder*: K. Nag.

(54) *Haldar, Balaram*, M.A., B.Sc., B.L., Rector, M.E. School, English Bazar, Puratuli, Malda.

Proposer: S. K. Chatterji. *Seconder*: M. M. Haq.

(55) *Mitra, Prokash Chandra*, B.E., A.M.I.E. (India), Consulting Engineer, Proprietor, P. C. Mitter & Co., 98 Clive Street, Calcutta.

Proposer: R. C. Majumdar. *Seconder*: K. Nag.

The General Secretary reported the following loss of membership since the last meeting, by death:—

(3) Sivaprasad Gupta (An Ordinary Member, 1919).

(4) Dr. H. Lueders (An Honorary Fellow, 1939).

In accordance with Rule 48(a), the General Secretary reported that an application for the loan of four MSS. had been received from the Bhandarkar Oriental Research Institute, Poona. The Council, at the last meeting, considered the application, and found that lending of more than two MSS. at a time was contrary to the Regulations, and so they have referred this matter to the Monthly Meeting with a recommendation for sanction as a special case.

The meeting sanctioned the loan.

The following papers were read:—

1. LO CH'ANG-PEI (of Peking).—*The Genealogical patronymic linking System of the Tibeto-Burman speaking Tribes.* (Read by Mr. D. C. Chatterji.)

The genealogical patronymic linking system is a dominant cultural trait of the Tibeto-Burman speaking tribes which, besides the physiological and linguistic factors, can help to determine the relations between the various tribes and throw light on some of the historical problems about the descent and inter-relationships of the *Houses* which have long baffled enquiry. The author writes this treatise with the hope that those interested in the problem, whether anthropologists, ethnologists or linguists, may supplement or revise what is stated in this paper so as to solve this problem satisfactorily.

2. K. K. NAIR.—*On the Systematics of certain Eel-like Fishes of the Ganges.* (Read by Dr. S. L. Hora.)

The author elucidates the systematic position of two estuarine, eel-like fishes described by Hamilton from the neighbourhood of Calcutta in 1822. After a detailed analysis of the data, he concludes that the *Boro* Fish should be designated as *Pisodonophis hijala* (Hamilton), of which *P. boro* (Hamilton) is a synonym, and *Rakta Boruya* should be known as *Moringua (Raitaboura) raitaboura* (Hamilton). The material for the article was obtained from the Pulta Waterworks and from the measurements of the specimens it seems probable that the elvers of *P. hijala* ascend

the Hooghly River during the cold weather—November to January. As the eels are capable of making deep burrows, their presence in the filter beds may cause damage to the vital layer but generally the young specimens were not found in burrows.

The following three MSS. belonging to the Society were exhibited by the General Secretary:—

(1) *Devī-Māhātmya* (I.M. 10336). Country-made paper. *Nāgarī*. *Samvat* 1796/1738 A.D. This celebrated poem dealing with the exploits of the Devī, the Supreme Goddess, forms a part of the *Mārkaṇḍeya Purāṇa*. It is popularly known as the *Caṇḍī*, after a well-known name of the Goddess herself and is an object of great veneration and devout worship in Śākta families. It runs into seven hundred verses, for which reason it is also known as the *Saptaśatī*.

In sweet, sonorous and inimitable verses the work recounts the exploits of the Devī, divided into three main sections, known as *Caritras*. The particular value of this manuscript consists in the numerous miniature paintings illustrating the different stories. To persons familiar with the western traditions they may appear to be crude, but certain qualities of drawing, composition and colour scheme may be recognized in them by connoisseurs. They are specially interesting as invaluable documents of the indigenous trend in painting, and evidences of such a trend, when the spell of the Mughal school of painting after its brilliant upheaval in the time of Jahangir was not yet broken, are extremely rare. Some of the paintings also represent interesting iconographic studies, worthy of attention by experts.

(2) *Al-Faḍā'il al-Bāhira fi Maḥāsini Miṣr wa'l Qāhira* (1286). A historical and descriptive account of Egypt and Cairo, composed in 861/1456 by Muḥammad Abū Ḥāmid al-Qudṣī al-Miṣrī ash-Shāfi'ī, known as Ibn Ḥāhir (born in Jerusalem in 820/1417, lived in Cairo, and died in 888/1483).

The work deals with a brief history of Egypt from the earliest period to the author's time. It gives a detailed description of the districts and provincial towns of the country, of its natural phenomena and products, of its wonders and curiosities of nature and art, of its fortresses, mosques and sanctuaries, of its prophets, philosophers and learned men. It contains ancient traditions relating to Egypt's excellence and her glories and select pieces in prose and verse descriptive of Egypt and its beauties. It has also a special description of al-Qāhira (Cairo) in all its details.

Incomplete, some folios missing at the end.

The title-page is ornamented, written in Arab Naskh towards the end of the fifteenth or beginning of the sixteenth century A.D.

(3) *Fatīhiyya-i-'Ibriyya* (158). A history of the conquest of Cooch Bihār and Āssām, under the leadership of Khān Khānān Muḥammad Sa'id Ardistānī, better known as Mirjumla, by Muḥammad Walī Aḥmad, surnamed Shihābū'd-Dīn Ṭālish.

The history of the event, which happened in the 4th and 5th years of the reign of Aurangzeb (1072-73/1662-63), is divided into a Muqaddama and two Maqālās, as follows:

Muqaddama—Causes of the march of the Imperial army into Kūch Bihār and Āshām.

Maqāla I—Khān Khānān's march against Bīm Narāyan and conquest of Kūch Bihār.

Maqāla II—Conquest of Āshām.

It also gives descriptions of the two countries and their inhabitants.

Written in clear Nasta'liq about 100 years ago. There is a note on the fly-leaf by H. Blochmann, dated 1870.

The Chairman announced the result of the ballot for the election of the Ordinary Members and declared that all candidates had been duly elected.



JULY

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 3rd, at 5-30 P.M.

PRESENT

DR. SYAMAPRASAD MOOKERJEE, M.A., B.L., D.L.M., LL.D., Barrister-at-Law, President, in the Chair.

Members :

Agrawal, Mr. B. M.
Akbar, Mr. M.
Bagchi, Dr. K. N.
Basu, Mr. J. N.
Chatterjee, Mr. B. C.
Chatterjee, Mr. P. P.
Edgley, The Hon'ble Mr. Justice N. G. A.
Fawcus, Mr. L. R.
Ghoshal, Dr. U. N.
Ghose, Mr. G. P.

Hobbs, Mr. H.
Khaitan, Mr. K. P.
Mukherjee, Dr. J. N.
Mukherjee, Dr. R. K.
Nag, Dr. Kalidas
Rao, Miss S.
Saran, Dr. P.
Singh, Mr. P.
Sen, Mr. A. K.
West, Dr. W. D.

Visitors :

Patuka, Mr. A. B.
Ray, Mr. H. C.

Ray, Mr. P.
and many others.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following 73 presentations of books, etc., received in May for the Library, which had been kept on the table for inspection:—

- (1) From Bangiya Sahitya Parishad—Hand-book to the Sculptures in the museum of the B.S. Parishad.
- (2) From University of Mysore—Annual Report, 1942.
- (3-5) From Bangiya Shitya Parishad—Rajmohan's wife; Letters on Hinduism; Essays and Letters.
- (6-7) From Royal Society—Year-Books for 1940 and 1944.
- (8-47) From Imperial Library—Sunshine and Storm in Rhodesia; Mem. sur les Barrages; Hist. of Indian Administration of Lord Ellenborough; 20th Report and Proc. of the Calcutta School Book Society; Hand-book of the Trade Products of Leh; Attempt to elucidate the principles of Malayan Orthography; Sri Naradapancararatnam; Mahavansi Raja Ratnachari, Vol. 2; Mahabharata, Adiparva; Strangers East Indian Guide to Hindustan; Ao-Ken Tameshi, Sacred Hymns; Fayami and Lake Maeris; Cat. of MSS., Bishop's College Library, Calcutta; Narrative of the Campaign of British Army in Spain; Selections from the Prem Sagar; Report Carte and Carew papers; Year book of Facts; Chronicles and Memorials of G. Britain and Ireland during Middle Ages, Vol. I, Pt. I; Des. Cat. of materials relating to the Hist. of Great Britain and Ireland, Vol. I, Pt. 2; Letters and papers re the reign of Henry VI., Vol. 1; Bombay Qly. Review, Vols. 3 and 5; Oriental Herald, 13, 22, 23; Rolls and Records of the Courts, held before King's justices, Vol. 1; Treatise on obligations and contracts, Pt. 1; Bombay Qly. Review, Vol. 2; Political Register, Vol. 8; Eur-Aryan Roots, Vol. 1; Patmakhanda, Vols. 1 and 2; JI. of the Indian Archipelago, Vols. 2, 5, 9; Les Anglais, et L' Inde; Tableau des etats Danois, Tom 3; Mem. d'un ministre, Toms 2 and 3.
- (48-54) From U.S. Dept. of Interior Geological Survey—Surface Water Supply of the United States, parts 1, 2, 4, 7, 8, 9 and 13.
- (55) From Smithsonian Institution—Compendium and Description of the West Indies.
- (56) From Univ. of Illinois—Studies in the Social Sciences, Nos. 1-4.
- (57) From Smithsonian Institution—Annals of the Astrophysical Observatory of the Smith. Inst., Vol. 6.
- (58-61) From Dion. State Geological Survey—Marzocarpion Oedipternum and Sigillarium Relationships, No. 75.
- (62) From Amer. Hist. Assn.—Annual Report, 1942.
- (63) From Smithsonian Institution—Bureau of American Ethnology, Bull. 140.
- (64) From John Hopkins University—Studies in Historical and Political Science, etc., Vol. 61.
- (65) From U.S. National Museum—Report, 1943.
- (66) From Hirananda Sastri—Archaeology and Indian History.
- (67) From Anup. Sans. Liby.—Akabarasahi-Sringaradarpana.
- (68) From N. G. Suru—Auvavaiya Suttam.
- (69-73) From B. H. Kalandari—Pramananaya-tattvalokalankara, Pts. 1-5.

The following candidates were balloted for election as Ordinary Members:—

(56) *Kejriwal, Rameshwar*, B.A., Merchant, P.O. Jasidih, Santal Pergs., Behar.

Proposer: B. M. Agrawal. *Seconder*: C. C. Das Gupta.

(57) *Khemka, Madanlal*, President, Marwari Chamber of Commerce and Councillor, Calcutta Corporation, 63 College Street, Calcutta.

Proposer: B. M. Agrawal. *Seconder*: C. C. Das Gupta.

(58) *Holloway, John E.*, Technical Sergeant, U.S.A. Forces, New Delhi.

Proposer: C. C. Das Gupta. *Seconder*: K. Nag.

(59) *Birla, Krishna Kumar*, Businessman, 8 Royal Exchange Place, Calcutta.

Proposer: K. P. Khaitan. *Seconder*: C. C. Das Gupta.

(60) *Birla, G. Prasad*, Merchant, 8 Royal Exchange Place, Calcutta.

Proposer: K. P. Khaitan. *Seconder*: C. C. Das Gupta.

(61) *Birla, B. Kumar*, Merchant, 8 Royal Exchange Place, Calcutta.

Proposer: K. P. Khaitan. *Seconder*: C. C. Das Gupta.

(62) *Birla, Madhav Prasad*, Merchant, 19 Gurusaday Road, Ballygunge, Calcutta.

Proposer: K. P. Khaitan. *Seconder*: C. C. Das Gupta.

(63) *Mullick, Birendra*, Landholder, Marble Palace, 46 Mukhtaram Babu Street, Calcutta.

Proposer: B. C. Law. *Seconder*: K. Nag.

(64) *Seal, Mahadeb Chandra*, Landholder and Cashier of Civil Bank of India, Ltd., 15-A Nimitalla Lane, P.O. Beadon St., Calcutta.

Proposer: M. M. Bose. *Seconder*: K. Nag.

(65) *Ashutosh Brahmachary*, Ramkrishna Vedanta Math, 19-B Raja Rajakrishna Street, Calcutta.

Proposer: C. C. Das Gupta. *Seconder*: K. Nag.

(66) *Das Gupta, Subikas*, B.Sc. (Cal.), M.Sc. Tech. (Manchester), A.I.C. (London), Textile Business, 80 Park Street, Circus, Calcutta.

Proposer: K. Nag. *Seconder*: K. N. Bagchi.

(67) *Sen Gupta, Sailendranath*, M.A., Bengal Civil Service (Judicial Branch), Munsif, Dubrajpur, Bengal.

Proposer: R. C. Majumdar. *Seconder*: D. C. Chatterji.

The Chairman announced the result of the ballot for the election of the Ordinary Members and declared that all candidates had been duly elected.

The Monthly Meeting was then dissolved and a Special Commemoration Meeting was held.

SPECIAL COMMEMORATION MEETING IN HONOUR OF THE LATE ACHARYA SIR PRAFULLA CHANDRA RAY, Kt., C.I.E., D.Sc., F.R.A.S.B.

Dr. S. P. Mookerjee, M.A., B.L., LL.D., D.Litt., Barrister-at-Law, President, was in the Chair.

The Chairman called upon the following to make short speeches on the life and work of the late Acharya Sir P. C. Ray:—

- | | |
|-------------------------|-------------------------|
| 1. Dr. W. D. West. | 4. Dr. R. K. Mukherjee. |
| 2. Dr. P. R. Ray. | 5. Dr. J. N. Basu. |
| 3. Dr. P. Saran. | 6. Mr. L. R. Fawcus. |
| 7. Dr. J. N. Mukherjee. | |

In summarizing, the President said 'Sir Prafulla Chandra Ray belongs to that class of great men who never die. The work which Sir P. C. Ray had left behind

was imperishable. As time came the people of Bengal and India would realize what great part he played in the making of the national life of his motherland. Just 50 years ago, Dr. Ray had sent his first paper to be published in the Proceedings of the Society dealing with chemical examination of certain Indian food-stuffs. Half a century ago he had felt the need for a more satisfactory scientific analysis of Indian food-stuffs, a problem which had been agitating the minds of Indian scientists today.

'Sir P. C. Ray was a great scientist; he was famous for having built a school for Indian chemistry but his real greatness lay not merely in the fact that he had attained personal eminence but in the fact that he knew the art of making other people great and eminent. Indeed he was one of those men who never lived for himself. Whatever he did he gave to others and his great aim and ambition was to elevate his poor and unfortunate country. A man like Sir Prafulla Chandra Ray is not going to be born in India every day. His memory would remain fresh in the minds of his countrymen not only for the present generation but for generations yet unborn. The best way in which his countrymen can offer homage to his memory is to carry on dauntlessly the great work which he has begun.'

The Chairman requested those present to rise in respect for the late Acharya Sir P. C. Ray and to pass a resolution as follows:

'The Royal Asiatic Society of Bengal do hereby express its great sorrow at the demise of Acharya Sir Prafulla Chandra Ray, Kt., C.I.E., D.Sc., F.R.A.S.B., who was the seniormost Ordinary Fellow and one of the seniormost Ordinary Members of the Society.

'The Society places on record its deep appreciation of the great services rendered by the late Dr. Ray for the advancement of Science, for the application of chemistry to the development of Indian industries and for the creation of a school of scientific research in this country.

'The Society also places on record its profound appreciation of his lifelong devotion to the cause of education in general and to that of the indigent students and research scholars in particular.'

The resolution was adopted unanimously, all present standing.



AUGUST

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 7th, at 5-30 P.M.

PRESENT

THE HON'BLE MR. JUSTICE N. G. A. EDGLEY, M.A., I.C.S., J.P., Barrister-at-Law, Vice-President, in the Chair.

Members :

Agharkar, Dr. S. P.
Bagchi, Dr. K. N.
Chatterjee, Mr. P. P.
Fawcett, Mr. L. R.

Haq, Mr. M. M.
Hobbs, Mr. H.
Nag, Dr. Kalidas
Rahman, Mr. S. K.
Ray, Mr. S. K.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following 14 presentations of books, etc., received in June for the Library, which had been kept on the table for inspection by the members:—

- (1) From B. C. Law—Ujjayini in Ancient India.
- (2-3) From State Geological Survey, Urbana—Illinois Mineral Industry in 1941; Oil and Gas Map of Illinois.
- (4) From Royal Society, Edinburgh—Year Book for 1944.

(5-6) From Mr. S. K. Saraswati—Temples at Pagan; Indo-Muslim Architecture in Bengal.

(7-8) From Imperial Library—Author Cat. of Printed Books in Bengali Language, Vols. 1 and 2.

(9-10) From B. C. Law—Mountains of India; Rivers of India.

(11-13) From the Smithsonian Institution—Anthropological Papers, Bulletin Nos. 117, 133 and 134.

(14) From the Illinois University—Biological Monographs, Vol. 19.

The following candidates were balloted for election as Ordinary Members:—

(68) *Dewsbury, Gelson Thomas*, Flying Officer, Royal Air Force, c/o Messrs. Lloyds Bank Ltd., New Delhi.

Proposer: K. Nag. *Seconder*: W. J. Culshaw.

(69) *Chatterjee, S. P.*, Medical Practitioner, 56 Gariahat Road, Ballygunge, Calcutta.

Proposer: K. Nag. *Seconder*: W. J. Culshaw.

(70) *Bailey, William*, M.A. (Sheff.), Missionary, United Christian Training College, Berhampur, Murshudabad.

Proposer: W. J. Culshaw. *Seconder*: Sir Cyril Fox.

(71) *Jan, Agha Muhammad*, F.T.S., and Member of G.W.C.S., League (London), Gulzarbagh, Patna.

Proposer: S. K. Rahman. *Seconder*: M. M. Haq.

(72) *Bradley, Gerard Anthony*, Lance Corporal, Army (Intelligence Corps), E.W.S.C., 12 Advance Base P.O., India Command.

Proposer: N. G. A. Edgley. *Seconder*: Sir Cyril Fox.

(73) *Poddar, Biswanath*, Merchant and Businessman, 115-A Chittaranjan Avenue, Calcutta.

Proposer: Sir Cyril Fox. *Seconder*: K. L. Poddar.

(74) *Patel, Hari Ram*, Mineowner and Businessman, P-301 Southern Avenue, Suite No. 6, P.O. Kahghat, Calcutta.

Proposer: Sukumar Ray. *Seconder*: K. Nag.

(75) *Elmhirst, Leonard Knight*, M.A. (Cantab.), B.Sc. Agri. (Cornell), Special Officer, Bengal Department of Agriculture; United Service Club, Calcutta.

Proposer: S. L. Hora. *Seconder*: L. R. Fawcus.

The General Secretary reported that the election of:

(1) Siva Narayan Sen (elected on 7-2-44)

had become null and void under Rule 9.

In accordance with Rule 48(a), the General Secretary reported for confirmation by the meeting, the following addition made to item No. 12 of the 'Regulations regarding the Library', which was passed by the Council at their meeting on the 24th July:—

'and in no case shall the borrower be permitted to retain the books for more than one month thereafter'.

Order: Confirm.

The General Secretary reported the following loss of membership, since the previous meeting, by death:—

(7) Bahadur Singh Singhi (An Ordinary Member, 1912).

The Chairman called upon Mr. Chhotelal Jain to read an obituary notice of the late Mr. Singhi.

A vote of condolence was then passed, all present standing.

The following papers were read:—

1. Y. C. SUN.—*The Silurian Stratigraphy of Yunnan.*

Silurian rocks have long been known in many places in South China, particularly in Hupei and Yunnan. The Silurian of Yunnan has been referred to the Upper Silurian by Ting and Grabau, while that of Hupei was assigned to the Lower Silurian by Hsieh and Chao. Grabau correlated the Silurian of Yunnan with that of North America, and compared the Silurian of Hupei with that of Europe. Consequently he concluded that a great hiatus exists between Lower and Upper Silurian, the Middle Silurian being absent.

The recent work of the author and his colleagues has proved that the Upper Silurian of E. Yunnan includes the Middle Silurian, the Upper Silurian and the lower part of the Lower Devonian, and that the Silurian of Hupei also contains several units. The existence of the Middle Silurian is proved by the discovery of the graptolite *Cyrtograptus* in W. Yunnan, and of coral faunas in E. Yunnan.

2. Y. C. SUN.—*The Devonian Subdivisions of Yunnan.*

Although Devonian fossils have long been known from Yunnan, the stratigraphy of the Devonian rocks has remained obscure.

The Devonian of Yunnan can be subdivided into an early and a late period. The early Devonian sediments are mainly continental, representing deposition in an inland and oscillatory sea, and they may be compared to the Old Red Sandstone of Europe. Later a transgression of the sea took place, and the sediments deposited during this period were similar to the normal marine type of Central Europe.

3. H. C. WANG.—*The Silurian Rugose Corals of Northern and Eastern Yunnan.*

The fossil corals listed in this paper come from the Middle Silurian. They closely resemble the corals found in the Gotlandian of Gotland and in the shelly facies of the Silurian of England.

4. H. C. WANG.—*The Middle Devonian Rugose Corals of Eastern Yunnan.*

The Middle Devonian of Eastern Yunnan is well developed and contains abundant rugose corals. These belong mainly to two groups, the *Cystiphyllaceae* and the *Cyathophyllaceae*, and their development during the Middle Devonian is described. Owing to the different routes of development followed by the Chinese and by the European forms, correlation of the different stratigraphical zones in both regions is only possible in a broad way.

5. H. C. WANG.—*The Stratigraphical Position of the Devonian Fish-bearing Series of Eastern Yunnan.*

During recent years the problem of the age of the Devonian fish-beds in South China has aroused considerable controversy, the beds having been placed first in the Lower Devonian, and later in the Upper Devonian. In 1940 and 1941 the author discovered several sections which show with certainty that the fish-beds are of early Eifelian (Middle Devonian) age.

The Chairman thanked Dr. West for communicating these papers to the meeting.

The following exhibits were shown and commented upon:—

1. M. M. HAQ.—*The original, illustrated Persian Version of the Sanskrit Harivamsha (Harivans).*

Among the Sanskrit works translated for the emperor Akbar was the *Harivamsha*, a work dealing with the life of Krishna. Mullā Sherī, a scholar and poet, undertook the work at the instance of the emperor Akbar. As the Mullā died in 1885, the work must have been completed before that date. Mr. A. C. Ardeshir of Poona

has acquired the original Akbar manuscript of the Persian version. It is a fine specimen of Persian calligraphy and contains beautiful miniatures in the finest Mughal style.

Photographs of the Persian text and the paintings were also exhibited.

2. THE GENERAL SECRETARY.—*Three Manuscripts belonging to the Society's Library.*

(1) *Upādhi-vivaraṇa* (No. I.M. 1539). Country-made paper. Nāgari. Samvat 1483 = A.D. 1425. This is a short and clear dissertation on *Upādhi*—one of the most important topics on Nyāya. *Upādhi* in logic means a special cause for a general effect, an important factor in 'influence' (*Sādhya-vyāpakatve sati Sādhana-vyāpaka upādhiḥ*). This is perhaps the only important work of the class known to us and a great importance attaches to the date, which comes between Gaṅgeśa, the founder of the *Navya Nyāya*, and his earliest and most famous commentators, Pakṣadhara Śiromaṇi and others. The simple but clear exposition of such works on Nyāya is in sharp contrast to the verbosity and abstruse style of the modern Naiyāyikas of Bengal.

(2) *Al-Hisn al-Matin fi Ahwāl al-Wazarā' wa's-Salātin* (No. 1289). A history of the Nawābs of Oudh by 'Abbās Mirzā b. as-Sayyid Aḥmad al-Ḥusaini b. as-Sayyid Muḥammad Kāzim. The author, belonging to family of high officials under the Nawābs of Oudh, deals with the history of the kingdom from its establishment by Sa'ādāt Khān Burhān al-Mulk (A.H. 1135–1152 = A.D. 1722–1739) to the deposition of Wājid 'Alī Shāh, the last king (A.H. 1264–1273 = A.D. 1847–1856).

The work is divided into 3 *Bābs* and a *Khātima*. The first *Bāb* (ff. 3–178b) deals with the rulers of Oudh and the history of the dynasty; the second *Bāb* (ff. 178b–192a) gives the genealogies of the mothers of the Nawābs; the third *Bāb* (ff. 192a–203b), divided into 10 *faṣls*, gives the accounts of the officials. The *Khātima* (ff. 203b–208b) gives a description of Lucknow, the capital city of the kingdom.

Written in recent Naskh, with headings in rubric, towards the close of the nineteenth century A.D.

(3) *'Ibrat Nāma* (No. 1285 III). A rare historical work dealing with the empire of Delhi from the death of Aurangzib to the fall of the Saiyyids. It was composed by Saiyyid Muḥammad Ḥusaini, surnamed 'Ibrat, in A.H. 1135 = A.D. 1723. It gives a detailed account of the reigns of Bahādur Shāh, Jahāndār Shāh and Farrukhsiyar and concludes with the death of Qutb'ul-Mulk Saiyyid 'Abdu'llah in 1721 A.D.

Written in fine Nasta'liq, with an illuminated '*Unwān*' at the beginning, about the second quarter of the twelfth century A.D. The manuscript of the work is exceedingly rare, only one or two copies being known to exist in England.

The Chairman announced the result of the ballot for the election of Ordinary Members and declared that all candidates had been duly elected.

The Chairman announced that, unless special notice was given, there would be no Monthly Meetings during the recess months, September and October.



NOVEMBER

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 6th, at 5-30 P.M.

PRESENT

K. P. KHAITAN, Esq., M.A., B.L., Barrister-at-Law, Member of Council, in the Chair.

Members :

Bhatia, Mr. C. L.
Chatterjee, Mr. B. C.
Fox, Sir Cyril S.
Ghani, Mr. O.
Ghose, Mr. R. C.
Griffiths, Dr. W. G.

Haq, Mr. M. M.
Hobbs, Mr. H.
Khaitan, Mrs. J.
Nag, Dr. K. Kalidas
Roy, Mr. S. K.
Sen, Mr. S. P.

Singhi, Mr. R.

Visitor :

Bhaduri, Mr. J. L.

The minutes of the last meeting were read and confirmed.

The General Secretary had then to leave the meeting on important business whose functions were carried out by Mr. M. M. Haq.

Mr. Haq reported receipt of the following 79 presentations of books, etc., received since the last meeting:—

- (1-2) From Yale University—Transactions of the Astronomical Observatory, Vols. 13 and 14.
- (3-17) From Smithsonian Institution—Bulletins, Nos. 118, 119, 120, 121, 122, 123, 124, 125, 127, 128, 130, 131, 132, 134 and 135.
- (17) From Calcutta University—Penology—Old and New.
- (19) From R.A.S.B.—Tib. Eng. Dictionary.
- (20) From B. S. Guha—Racial Elements in the Population.
- (21) From Bose Research Inst.—Transactions, Vol. XV.
- (22) From Academy of Nat. Sc. of Philadelphia—Proceedings, XCV.
- (23) From Library of Congress—Annual Report, 1943.
- (24) From Federation of Indian Chamber of Commerce—Proceedings of the 17th Annual Meeting, Vol. 3.
- (25-26) From Smithsonian Institution—Bulletin, 184.
- (27-49) From Justice Edgley from the Judges' Library, High Court—Tagore Law Lectures, 1879, 1882, 1884, 1895, 1897, 1898, 1899, 1901, 1904, 1909, 1913; Naradiya Dharmasastra; Digest of Muhammadan Law; Law relating to Pardanshins in British India; Hindu Law of Succession, Vol. 1; Law of Lunacy in British India; Lyon's Medical Jurist; Prudence for India; A Treatise on Hindu Law; the Law of Torts; Estates Partition Act; Principles of Liability for Interference with Trade; Hindu Law of Marriage and Stridhana.
- (50) From Madras Records Office—Manila Consultations, 1764.
- (51-54) From Bernice P. Bishop Museum—Bulletins, 174, 177, 178, 180.
- (55) From M/S Vijaya Krishna Bros.—Racial History of India.
- (56) From the University of Michigan—Systematic Review of Nectomys.
- (57-58) From the University of Michigan—San Francisco Bay as a factor influencing specialization in Rodents; Fresh water Triclad of Michigan.
- (59-61) From Smithsonian Institution—Bulletin Nos. 138 and 141 and Peoples of India.
- (62) From U.S. Govt. Printing Office—Annual Report, 1942, Vol. 2.
- (63) From University of Madras—Sawanihat-i-mumtaz of Mohd. Karim.
- (64) From P. C. Gupta—The Last Peshwa and the English Commissioners, 1818-1851.
- (65-66) From Bernice P. Bishop Museum—Bulletin Nos. 179-182.
- (67) From V. Elwin—Folk Tales of Mahakoshal.
- (68) From V. Elwin—Folk Songs of the Maikal Hills.
- (69-70) From Govt. of India—Indian Historical Records Commission; Proceedings of Meetings, Vols. 19 and 20.
- (71) From B. C. Law—Jaina-Guru-Mahavir.
- (72) From Govt. of Madras—Des. Cat. of Sans. MSS., Govt. Orient. MSS. Liby., Vol. 29; do. Tri. Suppl.
- (73) From Govt. of Madras—Triennial Cat. of MSS., 1934-37, Govt. Orient. MSS. Liby., Madras.
- (74-75) From Nagari Pracharini Sabha—Twelfth Report on the Search of Hindi MSS., Vols. 1 and 2.
- (76) From R.A.S.B.—Tirtha Kalpa in 2 fascs.
- (77-78) From Bikaner Govt.—Anupa-simha-gunavatara; Gita Manjari.
- (79) From Bhandarkar Oriental Research Institute—Jainaratnakosa, Vol. I.

The General Secretary reported that the following candidates had been elected Ordinary Members, during the recess months, under Rule 7:—

(76) *Singhi, Ramchandra*, B.A., A.C.A. (Lond.), R.A., Chartered Accountant, 1-B Old Post Office Street, Calcutta.

Proposer: K. P. Khaitan. Seconder: B. M. Agrawal.

(77) *Bose, Manindra Lal*, M.A., B.L., Barrister-at-Law, 9 Congress Exhibition Road, Park Circus, Calcutta.

Proposer: J. N. Majumdar. *Seconder*: K. Nag.

(78) *Marwood, Sidney Lionel*, C.I.E., I.C.S., Adviser to H.E. the Governor of Orissa, Cuttack, Orissa.

Proposer: N. G. A. Edgley. *Seconder*: S. P. Mookerjee.

(79) *Vishwanath*, Shastri (Punjab University), Byakaranthirth, Office Superintendent of the All-India Hindu (Arya) Dharma Seva Sangha, 102 Muktarani Babu Street, Calcutta.

Proposer: K. Nag. *Seconder*: N. G. A. Edgley.

(80) *Sastry, J. S. Venkatachala*, Landlord, State Pundit of the Native States of Mysore, Cooch Behar and others. c/o H.H. The Maharani Saheba of Cooch Behar, Kamal Mahal, Carmichael Road, Bombay.

Proposer: K. Biswas. *Seconder*: K. Nag.

(81) *Misra, Ram Kripal*, Sushil, B.A., Sahityaratna, Headmaster, Hindi M.E. School, Sambalpur, B.N.R.

Proposer: N. G. A. Edgley. *Seconder*: K. Nag.

(82) *Cookson, Maurice Bruce*, Flight Lieutenant, Photographer, R.A.F., India.

Proposer: G. T. Dewsbury. *Seconder*: K. Nag.

(83) *Sarma, Venkataraya*, Dharmarajan, Pundit, Ph.D., Landholder, Narayanasram Badharikavanam, Karavadi P.O., Ongole Tq., Guntur Dist., Madras Presidency.

Proposer: N. G. A. Edgley. *Seconder*: K. Nag.

(84) *Birla, Lakshmi Nivas*, Merchant, Birla Park, Ballygunge, Calcutta.

Proposer: K. P. Khaitan. *Seconder*: K. Nag.

(85) *Clark, W. M.*, M.B.E., B.Sc., Bengal Agricultural Department, U.S. Club, Calcutta.

Proposer: W. D. West. *Seconder*: N. G. A. Edgley.

(86) *Khaitan, Mrs. K. P.*, 6 South End Park, P.O. Rashbehari Avenue, Calcutta.

Proposer: S. P. Mookerjee. *Seconder*: N. G. A. Edgley.

(87) *Chopra, Kishori Lal*, Head of the Persian and Urdu Departments, S.D. High School, J.U.C., Basti Shaikh Darvesh, Jullundur.

Proposer: A. B. M. Habibullah. *Seconder*: O. C. Ganguly.

(88) *McCabe, Joseph*, Psychological Warfare Division, S.E.A.C., 6 Hungerford Street, Calcutta.

Proposer: E. Band. *Seconder*: N. G. A. Edgley.

(89) *Leggett, Trevor Pryce*, Psychological Warfare Division, S.E.A.C., 6 Hungerford Street, Calcutta.

Proposer: E. Band. *Seconder*: N. G. A. Edgley.

(90) *Nath, R. M.*, B.E., Executive Engineer, P.W.D. (Govt. Service), P.O. Jorhat, Assam.

Proposer: K. Nag. *Seconder*: N. G. A. Edgley.

(91) *Choudhuri, Jatindra Mohan*, B.A. (Cal.), B.T. (Dacca), Shastraratna, Headmaster, Haripur H.E. School, P.O. Jibanpur, Dinajpur.

Proposer: N. G. A. Edgley. *Seconder*: K. Nag.

(92) *Batia, Seth Chandmull*, 7 Canning Street, Calcutta.

Proposer: K. Nag. *Seconder*: N. G. A. Edgley.

(93) *Chunder, Pratap Chandra*, M.A., B.L., Research Student in Indian History, 23 Wellington Street, Calcutta.

Proposer: K. N. Bagchi. *Seconder*: B. S. Guha.

(94) *Prasad, Rev. Ayodhya*, Pundit, B.A., Minister of the Calcutta Arya Samaj, 85 Bow Bazar Street, Calcutta.

Proposer: K. L. Poddar. *Seconder*: Sir Cyril Fox.

(95) *Bernhardt, Eric*, Engineer, Representative, Brown Boveri & Co., c/o Messrs. Volkart Bros., Calcutta.

Proposer: J. H. Hendrie. *Seconder*: N. G. A. Edgley.

(96) *Chatterjee, Hari Gopal*, M.A., H.M.D., Assistant, P.G. Department, Calcutta University, Machubazar Ghat, Chinsura, Hooghly.

Proposer: S. N. Mitra. *Seconder*: A. C. Bose.

(97) *Bhattacharya, Kamakhya Charan*, Jyotirbhusan, 16 Anath Deb Lane, P.O. Beadon Street, Calcutta.

Proposer: K. Nag. *Seconder*: S. C. Law.

The General Secretary reported that an application for Institutional Membership had been received from the Calcutta University Library, which had been accepted by the Council.

The General Secretary reported receipt of a donation to the Society from Mrs. Sarat Chandra Roy of Rs.4,000 for the institution of a gold medal to be named after her deceased husband, Rai Bahadur Sarat Chandra Roy, and another donation of Rs.250 for meeting the cost of the first medal to be awarded at the Annual Meeting in February 1945. These gifts had been accepted by the Council who had conveyed thanks to the donor.

In accordance with Rule 48(a), the General Secretary reported that the Council had adopted a set of regulations regarding the award of the 'Sarat Chandra Roy Memorial Medal' as follows:—

(1) The Gold Medal shall be awarded every year at the Ordinary Meeting of the Royal Asiatic Society of Bengal, in February.

(2) The Medal shall be bestowed on the person who, in the judgment of the Council, is considered to have written the most outstanding book or monograph on any aspect of the Cultural Anthropology of India in the English language, failing that, in Bengali.

(3) The Council shall at a meeting in September appoint an Advisory Board, consisting of not less than four and not more than six members.

(4) The Advisory Board shall be termed the 'Sarat Chandra Roy Memorial Medal Advisory Board' and shall include: (i) The Anthropological Secretary, and (ii) A nominee from among the heirs of the late Rai Bahadur S. C. Roy, viz.: (a) one selected by Mrs. Sarat Chandra Roy as long as she is alive, and (b) after her death one member is to be nominated by the heirs of the late Rai Bahadur Sarat Chandra Roy. The Board shall appoint a Chairman from amongst its members who shall have a casting vote (in addition to his own vote) in the event of the number of votes being equally divided. The Secretary shall give the persons concerned sufficient notice in order to allow them time to select their nominee.

(5) In awarding the Medal at least 75% of the members of the Board must agree on the scholar to be selected. In the event that 75% of them do not agree, or that a deserving scholar is not available, then the Medal shall not be awarded that particular year and the interest on the fund shall be added to the principal.

(6) The General Secretary shall supply in advance to all members of the Board statements of the work or attainments of all available scholars and request them to send statements of the work or attainments of any other scholar, not included in the list, as they may wish to propose.

(7) The General Secretary shall then call a meeting of the Advisory Board in the first week of December every year and shall place before the Board for consideration detailed statements of the work and attainments of all scholars. The General Secretary shall also place before the Board for consideration detailed statements of the work or attainments of any other scholar submitted by any Fellow of the Society. The Board after due consideration shall make the selection of a name to be submitted to the Council at its December meeting. The Council may for specified reasons request the Board to reconsider its decision, but shall not be competent to substitute another name for the one already recommended by the Board.

(8) The name of the medallist shall be printed in the Society's Year-Book.

The General Secretary reported that the Council had appointed Advisory Boards, in accordance with the Regulations, for the following Medals to be awarded at the next Annual Meeting in February 1945, as follows:—

1. *Dr. B. C. Law Gold Medal—*

The Donor (Dr. B. C. Law) and the Philological Secretary—*ex-officio*; Dr. S. P. Mookerjee; Dr. R. C. Majumdar; The Hon'ble Mr. Justice N. G. A. Edgley.

2. *Sarat Chandra Roy Memorial Medal—*

The Anthropological Secretary and a nominee of Mrs. S. C. Roy—*ex-officio*; Prof. K. P. Chattopadhyay; Mr. L. R. Fawcett; Mr. J. P. Mills; Dr. K. Nag.

3. *Joy Gobind Law Memorial Medal—*

The Biological Secretary—*ex-officio*; Dr. S. C. Law; Dr. S. L. Hora; Dr. S. P. Agharkar; Dr. H. K. Mookerjee.

4. *Paul Johannes Brühl Memorial Medal—*

All the *ex-officio* members, viz.: The President, R.A.S.B.; Ghose Professor of Botany, Calcutta University; Director, Botanical Survey of India; President, Botany Section, Indian Science Congress Association; and the Natural History Secretary (Biology), R.A.S.B.

In accordance with Rule 48(d), the General Secretary submitted for confirmation to the meeting the following appointment made on the staff of the Society, since the last Ordinary Meeting.

Mr. Sibsankar Mitra, M.A., who was appointed as a cataloguer for one year with effect from 1-9-43 on Rs.100 p.m. had been reappointed on the same terms for a further period of three years for cataloguing work in the library.

Order: Confirm.

The General Secretary reported that the Council since the last monthly meeting, had nominated Dr. R. C. Majumdar to represent the Society at the Seventh Session of the Indian History Congress which would be held in Madras in December 1944.

The Chairman announced the death of the following members :—

- (8) Dr. W. A. K. Christie (Life Member, 1907, Ordinary Fellow, 1919).
- (9) Lt.-Col. Owen Berkeley Hill (An Ordinary Member, 1936).
- (10) Mr. Seth Druequer (An Ordinary Member, 1944).
- (11) Dr. E. L. G. Clegg (An Ordinary Member, 1944).

The Chairman called upon the following to read obituary notices:—

- (1) Sir Cyril Fox of the late Dr. W. A. K. Christie.
- (2) Dr. G. S. Bose of the late Col. Berkeley Hill (read by Mr. R. C. Ghose).
- (3) Dr. W. D. West of the late Dr. E. L. G. Clegg (read by Mr. Bankim Ch. Chatterjee).

The Chairman moved a vote of condolence on the demise of these distinguished members, all present standing.

The following papers were read:—

1. M. CHAKRABARTY and A. B. KAR.—*Studies on Haemosporidia from Indian Birds, Series I.* (Mr. J. L. Bhaduri read the paper.)

Little work has been done in India on blood parasites of the genus *Haemoproteus*. Some species of this genus from Portuguese India, Bihar and the United Provinces have been described, but only one species is known in Bengal. The authors have examined the blood of twenty different species of birds for the parasites and have found three of them infected with *Haemoproteus*, whose descriptions have been given in the paper.

2. S. M. DAS.—*On a Collection of Monascidians from Madras.* (Mr. J. L. Bhaduri read the paper.)

The paper deals with a collection of Monascidians that was received in a preserved condition from Madras. The specimens were collected from the Madras coastal region. The paper contains a description of six species of Monascidians of which one is a first record from Indian waters.

3. G. E. GATES.—*On some Indian Earthworms.* (Mr. J. L. Bhaduri read the paper.)

This paper contains descriptions of a number of Moniligastrid and Megaseolecid species, mostly new, collected at various localities from Tinnevely district in the far south to the Naga Hills of Assam in the north-east. A need for revision of earlier species in order to correct mistakes in previous accounts, and to provide information as to various additional characteristics now known to be, or of being, of suspected taxonomic importance, has been pointed out by the author.

4. A. CASPANI.—*The Cave of the Shadow of the Buddha at Nagarhara.* (Mr. Sukumar Ray read the paper.)

Amongst the Chinese pilgrims who visited the Buddhist shrines in India, Fa-Hien, Sung-yun, Hwei-Sung and Hiuen Tsiang, all saw near Nagarhara a cave where the shadow of the Buddha was known to appear. The locality of this cave has been identified by the author.

The following three Manuscripts belonging to the Society's Library were shown and commented upon :—

(1) *Ūhagāna* (No. I.M. 9852). Country-made paper. Nāgari. Samvat 1377 = 1319 A.D. The *Samhitā* of the Sāmaveda, which is an anthology taken from the Rk-Samhitā comprising those of its verses intended to be chanted at the ceremonies of the Soma Sacrifice, contains in addition four *gānas*, or song-books. For purposes of chanting the Rks are altered and modified by the prolongation and repetition of syllables, by the insertion of syllables, etc., and thus the Rks are transformed into *Sāmagāna*. *Ūhagāna* in twenty-three *prapaṭhakas* is the third of these song-books, and the present manuscript, copied in 1319 A.D., appears to be the oldest dated manuscript of the work, now extant.

(2) *Qalā'id al-Iqyān wa Mahāsin al-A'yān* (No. 1343). Biographical notices of elegant writers and poets of Spain with quotations from their compilations by Abū Naṣr al-Fath b. Muḥammad al-Qaṣī al-Ishbīlī. The author who was born at Ṣakhrat al-Walad in the province of Granada was a great traveller. He was put to death in Morocco in 535 A.H./1140 A.D.

Written in beautiful Naskh at Ispahān in 574 A.H./1178-79 A.D. The manuscript thus belongs to a date very near to that of the original composition.

(3) *Diwān-i-'Ishratī* (No. 1286 III). A poetical work by Saiyyad Muḥammad al-Husainī 'Ishratī, who was born and educated at Baṣra. He came later to India and was appointed to a high rank of honour in the court of Sultān Sikandar 'Ādil Shāh of Bijāpūr whence he was brought to the court of Aurangzib. Though other poems by the poet are known, no copy of this Persian *Diwān* has been mentioned in any book or catalogue, or by any scholar who has written on him.

Written in calligraphic Nastaliq with two illuminated 'uwāns in 1298 A.H./1880 A.D. from the autograph copy of the poet. This manuscript appears to be a unique copy and has been recently purchased for the Society's Library.

The Chairman thanked Mr. Bhaduri and Mr. Sukumar Ray for communicating the papers and Mr. Haq for explaining the contents, rarity, etc., of the two manuscripts.



(105) *Saraswati, Sarasi Kumar*, M.A., Librarian, Royal Asiatic Society of Bengal and Lecturer, Calcutta University; 6/1 Mahendra Road, Calcutta.

Proposer: R. C. Majumdar. *Seconder*: K. Nag.

(106) *Gifford, Frederick Richard*, O.B.E., Lt.-Col., I.A., Adviser in Languages and Secretary, Board of Examiners, General Staff Branch, G.H.Q. (India), Simla.

Proposer: N. G. A. Edgley. *Seconder*: Sir Cyril Fox.

The General Secretary reported the following loss of membership, since the last meeting, by resignation:—

(5) H. C. Chakladar (An Ordinary Member, 1920).

The General Secretary reported that an intimation had been received from the Government of India, Department of Education, Health and Lands, that the Society had been selected to be a member of the newly constituted Advisory Board of Archaeology in India, and the Council had nominated the Hon'ble Mr. Justice N. G. A. Edgley to represent the Society to serve on the Board.

The General Secretary reported that an invitation had been received from the Patna University to send a representative of the Society to attend the Silver Jubilee Convocation to be held on 30-11-44. The Council had nominated the President, Dr. S. P. Mookerjee, to represent the Society at the convocation.

The General Secretary reported that the Society had received a grant of Rs.500 for publication of scientific papers from the National Institute of Sciences of India out of the Rockefeller Foundation grant entrusted with them for distribution. The Council accepted this grant with thanks, and it would be utilized for publication work only in terms of the conditions governing the grant.

The following papers were read:—

1. R. C. MAJUMDAR.—*Two Copper-plates of Śaśāṅka from Midnapore.*

The article gives an account of two copper-plates of Śaśāṅka which were discovered in Midnapore. Plate I records that while Śaśāṅka was ruling the earth his feudatory Somadatta was governing Daṇḍabhukti and Utkaladeśa. Plate II, similarly, refers to one Śubhakirtti governing Daṇḍabhukti under Śaśāṅka. The plates are dated respectively in the years 19 and 8. These plates definitely prove that Śaśāṅka was ruling over Midnapore and Orissa. Somadatta, the governor of Śaśāṅka is probably identical with Somadatta known from the Soro plates, and thus the combined evidence of the four Soro plates and the present two plates supplies valuable historical information. The plates contain the earliest epigraphic reference to Daṇḍabhukti and not only enable us to identify it with certainty but push back to antiquity by four centuries.

2. LESLIE W. A. AHRENDT.—*Some new and little known Berberia from India.*

In this paper the author has identified and given a description and habitat of fourteen specimens of *Berberia* belonging to India.

3. K. KARUNAKARAN NAIR.—*Descriptions of some new and little known Midge Galls.*

The midge galls described in this paper were collected by the author mostly from the Pampadampara hills of the High Range of Travancore during the period of the north-east monsoon in 1943. Some were also collected from other localities in the Travancore State. The specimens of the galls described can be seen in the Entomological Laboratory, Central Research Institute, Trivandrum.

4. M. KAZI.—*A short account of Nawab Sultanyar.*

An attempt has been made in this paper to compile an account of the life of Nawab Sultanyar who was a mansabdar (officer over 250 horses) under Shah Jahan

(A.H. 1038) and was murdered in the early part of the reign of Aurangzeb (A.H. 1071). For the compilation the author has made use of the original *firman* issued by the emperor Mohammed Shah, which contains the rights and privileges to be enjoyed perpetually in the land (Havely Parganas of Broach) by the descendants of Sultanyar.

5. A. B. M. HABIBULLAH.—*Arakan in the pre-Mughal history of Bengal.*

The first Arakanese raid in Satgaon in Bengal took place in 1601. After that, during the period 1606–1613, the Arakanese invaded Bhuluah and an expedition had to be sent against them. The nature of their persistent attacks disclosed a determined hostility to the Mughals. The author has thrown a flood of light on this obscure chapter of the pre-Mughal history of Bengal.

6. W. G. GRIFFITHS.—*The Kols of Central India.*

This monograph is a study of a primitive tribe in contact with Hinduism. The Kols belong to the Proto-Australoid group of primitive people and have their main centre of distribution in Rewa State, Central India Agency. The Census of 1931 reported 368,653 members of this tribe distributed in the Central Provinces, the Central India Agency and the United Provinces. This treatise aims to give a comprehensive study of a primitive group. Previous notices concerning the Kol tribe are scanty and in many cases not well-informed. The present work is considered by the author as an introduction to the Kol people and it is hoped that further and more complete studies may be forthcoming.

The origin of the tribe, in the light of available historical data, from Hindu Scriptures, and according to their own beliefs and traditions, is set forth. Their material culture is described in some detail and a picture given of life as they live it in Central India. It was discovered, that, like most primitive tribes, they have a complicated social structure with *kuris* or septs which are endogamous. Hypergamy is practised. At least 19 *kuris* are tabulated. Kol social customs from birth to death are set forth and many of their practices and beliefs recorded in some detail.

Their religious life receives considerable attention and it is seen that their religion, while using certain concepts and names common to Hinduism is nevertheless a propitiation of village deities. The influences of Hinduism are noted. The chapter on Magic and Witchcraft deals with their ideas concerning the spirit world, the evil eye, protective devices and the like.

A chapter is devoted to selected Folklore and Fables and another to Music, Songs, Dance and Art. Samples of Kol poetry are given and translations offered. The study closes with a survey of their economic life and a description of the Kol tribe in transition. Some recommendations are made concerning the future. There are six appendices bearing on matters outlined in the main part of the text. The volume is illustrated by photographs taken by the author and there are diagrams to make clear some of the matters described.

The monograph represents a contribution to the study of primitive life in India and as such will be welcomed by those interested in the life and problems of aboriginal peoples.

7. P. C. SEN-GUPTA.—*Astronomical Time-Indications in Kālidāsa.*

The author has written his thesis on purely astronomical grounds. He has obtained three dates from the time-references in Kālidāsa's works:—

- (i) The date, 546 A.D., from an indication of the position of the summer solstitial colure in the *Raghuvamśa*.
- (ii) The date 541 A.D. from the *Meghadūta* reference, viz. a combination of:
 - (a) The last day of solar Āṣāḍha, (b) the true summer solstice day,
 - (c) the day of the 11th *tithi* of lunar Āṣāḍha falling on June 20, 541 A.D.; a date for raising which even by 57 years no good grounds can yet be made out.

- (iii) A peculiar total lunar eclipse on November 8-9, 542 A.D., at the end of which the moon got conjoined with the star *Rohiṇī* (*Aldebaran*) as referred to in the poet's drama *Śakuntalā*.

These three dates all converge to about 550 A.D., which in his study has become the date of the great poet.

The author is sceptical about the tradition that Kālidāsa was one of the gems of the court of King Vikramāditya, as it can be found perhaps earliest in the work the *Jyotiṛvidābharaṇa* by Kālidāsa the astrologer whose date was undoubtedly about 1243 A.D.

By examining chronologically the Mandasor inscription of Kumāragupta and Vandhuvārma, dated 529 of Mālava era, the author is convinced that the old name of the now known Vikrama era was Mālava era. He has also come across the term 'Mālavābda' in R.A.S. Bengal manuscript of the *Vṛddha Garga-Saṃhitā*. Hence this name of Vikrama era was given to the old Mālava era, later than the date of the inscription referred to above, viz. February 15, 473 A.D. He concludes that there is no reason to support the hypothesis that Kālidāsa flourished about the first century B.C.

At the conclusion of the reading of the papers the General Secretary offered, on behalf of the Society, a cordial welcome to the Ven'ble Dr. P. Vajiranana Thera, Ph.D., President, Mahabodhi Society of Ceylon, who came on deputation from the Ceylon ministry and was present at the meeting.

Dr. Vajiranana gave a suitable reply thanking the General Secretary.

The Chairman announced the result of the ballot for the election of Ordinary Members and declared that all the candidates had been duly elected.

OBITUARY NOTICES

SIR DAVID PRAIN (1857-1944).

Sir David Prain was born on 11th July, 1857. His father David Prain and his mother Murry Thomson of Aberdeen Shire had profound influence in the earlier development of his mind and formation of his exemplary character. He was educated in his boyhood in the Parish School under Dr. A. C. Cameron who took keen interest in David Prain and was mainly responsible for building up his educational career. Prain took his M.A. degree in 1878, and in 1883 qualified at Edinburgh as L.R.C.S. and L.M. and at Aberdeen as M.B. and C.M. with the highest honours and subsequently appointed as Senior Demonstrator in Anatomy by the University Court at Aberdeen.

He came to India in 1885 at the age of 28 when Prain's services were lent by the Military Department at the request of the Brigade Surgeon (afterwards Sir) George King to enable Sir David to act as Curator of the Herbarium and the Library of the Royal Botanic Garden, Calcutta during the temporary absence on leave of Lewis J. K. Brace. On Brace's return Prain, reverted to Military duty, was placed in charge of the Gurkha regiment at Kohima Naga Hills. Here he studied the Angami Nagas and the flora of the Naga Hills. Brace was invalidated and Prain took over charge of the post of the Curator of the Herbarium and the Library again on the 24th January, 1887. It is from this year that he commenced his scientific activities in India and was associated with the activities of the then Asiatic Society of Bengal by contributing many articles in the journals and proceedings of the Society. His first paper entitled 'Hot Springs of the Namba Forest, Sibsagar, Upper Assam' was published in the journal of the Asiatic Society of Bengal in 1887 and another paper on 'Some additional species of *Pedicularis*' came out in the Society's journal in 1889 under the Series *Novae Indicae* Series I. On the 6th March, 1889, he was elected an ordinary member of the Society. He officiated as Superintendent of the Royal Botanic Garden, Calcutta, during the absence on leave of Sir George King, M.D., K.C.I.E., F.R.S., in 1887. He again officiated as Superintendent, Royal Botanic Garden, Calcutta, in 1888 and became Surgeon in October 1889.

During 1889-91 he undertook hazardous botanical expeditions in some of the botanically unknown islands of the Indian Ocean and during his voyage he visited Port Blair in the Andaman Islands, Diamond Island, the Great Cocos and Table Islands in the Bay of Bengal. He voyaged also in H.M.S. *Investigator* and made botanical exploration in the Great Cocos Island, Little Cocos, the Rutland Islands, Narcondam, Barren Island, Little Andaman, Car Nicobar, Batti-malo and other coral islands. In November 1891 he explored the Pareshnath Hills in Chota Nagpur and in the Spring of 1892 he studied the flora of the Khasia and Jaintia Hills in connection with his botanical survey of Assam and Burma.

He acted again as Superintendent of the Royal Botanic Garden, Calcutta, from 15th of July to October, 1892, and again for a period of 7 months from 1892 to 1893. At this time for a period of 3 months in 1893-94 he was engaged in an enquiry on the cultivation and use of Ganja—*Cannabis sativa*. On the 1st of July in 1895 Sir David Prain was appointed as Professor of Botany in the Medical College, Calcutta, in the place of Sir George King and rose to the rank of Surgeon-Major in 1896 and was the foundation lecturer in 1895-96 of the Agricultural Class which was opened at the Bengal Engineering College in 1895. He succeeded Sir George King as the permanent Superintendent of the Royal Botanic Garden, Calcutta, who after rendering 26 years of devoted and meritorious service retired in 1897. Soon after his appointment as Superintendent of the Royal Botanic Garden, Calcutta, in which post he was confirmed on the 1st March, 1898, he undertook investigation on the cultivation of mustard and wheat and was lucky to discover the host of the

wheat rust. He continued his researches on economic plants as well and carried on investigation on the pulses and other leguminous crops by experimental cultivation in the economic section of the Royal Botanic Garden, at Sibpur.

In 1898 he assumed charges also of the posts of the Director, Botanical Survey of India and the Superintendent, Cinchona Cultivation, Bengal. He was also appointed a Trustee of the Indian Museum and a Fellow of the Calcutta University. He was awarded the degree of LL.D. of the Aberdeen University in 1900. He was a member of the Council of the Asiatic Society of Bengal in 1897 and Vice-President with the late Sir Asutosh Mookerjee and Sir Thomas Holland in 1904.

He served in the Lhasa Mission and thus got an opportunity of studying the vegetation of the Tibetan frontier during September to October 1903, and brought back a large collection of valuable specimens. On his return he paid special attention to the improvement of the Royal Botanic Garden, Calcutta, Lloyd Botanic Garden, Darjeeling and the Calcutta Gardens under his charge. Much of the present expansion and improvement of the cultivation of the Cinchona plants at Mungpoo is due to Sir David's care and attention to this section of his work.

After the expiry of his leave on the 15th December, 1905, he was appointed as Director of the Royal Botanic Garden, Kew, in place of Sir William Thiselton Dyer. He served as the President of the botanical section of the British Association which met at Winnipeg, as President of the Linnean Society from 1916 to 1919 and as Vice-President and Treasurer of the Royal Society of London from 1919 to 1929. He was elected an Honorary Foundation Fellow of R.A.S. in 1920. He was active member of numerous Boards and Committees of biological associations and many other scientific bodies where his well-balanced judgment and matured experience made him welcome.

He was appointed a trustee of the British Museum in 1925; a corresponding member of the Botanical Society of America in 1934 and 1936 and President for life of the Imperial College of Tropical Agriculture in 1938. Sir David became the Chairman of the Plant and Animal Products Council of the Imperial Institute, London, in 1936. He sat on the International Committee of Plant Nomenclature that met in 1930 and 1935 at Cambridge and Amsterdam respectively.

He was elected Fellow of the Royal Society of London in 1905. He was recipient of C.I.E. in 1906. He received the degree of LL.D. of St. Andrew's University in 1911; C.M.G. was conferred upon him on the 1st January, 1912, and he was knighted on the 14th July, 1912. He was awarded Barclay Memorial Medal in 1902, the Albert Medal of the Royal Society of Arts for 1925 for the application of Botany to the development of the raw materials of the Empire; the Linnean Gold Medal in 1936 and the Paul Johannes Bruhl Memorial Medal in 1938 and the Barclay Medal again in 1941.

There are about 105 contributions to Indian Botany by Sir David and his last monumental work is on Dioscoreas in collaboration with Mr. I. H. Burkill, M.A., F.L.S., formerly an officer of the Botanical Survey of India. This work entitled 'An account of the Genus Dioscorea in the East' has just been published in the Annals of the Royal Botanic Garden, Calcutta, Parts I and II, Volume XIV. His last wish was the preparation of a complete flora of Bengal on the materials of his Bengal Plants. This work has been undertaken by the writer on the lines suggested by the late Sir David.

The loss of Sir David is an irreplaceable loss to the botanical science and particularly to Indian Botany and to the Royal Botanic Garden, Calcutta, and the Botanical Survey of India, Calcutta, with which he was intimately associated till the last day of his life.

K. BISWAS.

Read on 3-4-1944.

SIR DON BARON JAYATILAKA (1868-1944).

Sir D. B. Jayatilaka was not only the outstanding statesman of modern Ceylon, but was also a great leader of the cultural Renaissance of the historic island. He was a graduate of our University of Calcutta and was a devoted friend and colla-

borator of Rev. Dhammapāla, who made Calcutta the headquarters of the Mahabodhi Society founded in 1891. Jayatilaka was Principal of Dhamma Raja College, Kandy (1892-98) and Principal of Ananda College, Colombo (1900-1910). Then he went to England, took his B.A. degree at Oxford in 1913 and qualified himself as a Barrister-at-Law (Lincoln's Inn). He was a member of the Ceylon Legislative Council in 1924-31; member of the State Council since 1931 and rose to be the Minister of Home Affairs and the first Ceylon Government Representative in India. As a scholar, he made a contribution to the study of Pali Buddhism. He edited a number of old Sinhalese works and was the chief editor of the Sinhalese Etymological Dictionary. Our Society had the pleasure of electing him a Special Anniversary Honorary Member on 7-2-44. He participated in our 160th Jubilee and made a fervent appeal for a resumption of the work of Pali Text Society and for a closer collaboration between Indian and Sinhalese scholars. His death will be mourned as much by his countrymen, as by a large number of his Indian friends.

K. NAG.

Read at the Ordinary Monthly Meeting on 5th June, 1944.

BAHADUR SINGH SINGHI (1885-1944).

The news of the death in Calcutta on the 7th July, 1944, of Mr. Bahadur Singh Singhi, a prominent Zaminder and a well-known businessman, must have been learnt with deep regret by all members of the Royal Asiatic Society of Bengal. He had been a member of this Society since 1912.

Mr. Singhi was born in the year 1885 in the illustrious Singhi family of Azimgunj (Murshidabad). The Singhi family occupies almost the foremost rank among the Jains who migrated to Bengal from Rajputana in the latter part of the seventeenth century.

Although he had been denied a long academic career, his knowledge, erudition and intellectual endowments were of a very high order. He had excellent command over several languages such as Hindi, English, Guzrati, Bengali, and Persian. He was a man of extremely simple and unostentatious habits. He was a prominent leader of the Jain Community of India and was elected the President of the All-India Svetamber Conference held in Bombay in 1926.

He was a Fellow of the Royal Society of Arts, London, and member of several cultural institutions. He was a prominent member of the Executive Committee of the All-India Arts and Crafts Exhibition held in Calcutta in 1935.* He was also connected with many Jain conferences and institutions, either as President, Patron or Trustee.

He always took an active part in scholarly pursuits and was a generous patron of scholars and literary men.

He contributed over a lac of rupees to Jain Pustak Prachar Mondol, Agra, Jain Gurukul Palitana, Jain Vidyabhavana, Udaipur, Jain Bhawan, Calcutta, Jain Dharam Prachar Sabha, Manbhumi, Bharati Vidya Bhawan, Bombay, London Mission Hospital and High School, Ziaunji, Benares Hindu University, Marwari Hospital, Calcutta, Hindi Sahitya Parishat (Allahabad), Hindu Academy, Daulatpur (Khulna), Chittaranjan Sevashala and several maternity clinics.

He established a chair of Jain Studies in the Viswa-Bharati, Santiniketan, and in 1931 he founded the Singhi Jain Series of publications which had cost him more than Rs.50,000. The eighteen important volumes so far published will remain as a standing monument in the field of Jain literature and Indian Philosophy.

He was a great connoisseur and patron of art and culture and had an unbounded interest in creative researches and antiquities and had a very good collection of rare and historic paintings, manuscripts, books and jewellery.

His collection of rare Indian Stamps secured him second prize in the International Philatelic Exhibition held in New York in 1932.

CHOTELAL JAIN.

Read at the Monthly Meeting on 7-8-1944.

OWEN ALFRED ROLLAND BERKELEY-HILL (1879-1944).

Owen Alfred Rolland Berkeley-Hill, M.A., D.M., B.Ch. (Oxon), L.R.C.P., D.T.M. & H. (Lond.), M.R.C.S. (Eng.), Retired Lieut.-Col., I.M.S., was born in London on December 22, 1879. He passed away at Ranchi on 16th August, 1944, at 4-30 p.m. Col. Berkeley-Hill was thoroughly identified with India and in his death India has lost one of the greatest psychiatrists of the present time. His father was a reputed physician in London and the son's choice of his profession was largely determined by the influence of the father. Owen Berkeley-Hill had broad sympathies and was singularly free from all sorts of prejudices and conventions. He married an Indian lady from Malabar according to Brahmo rites. He has left his widow, two sons and two daughters to mourn his loss. One of his sons was killed in action as a Flying Officer at Malta and this was a great shock to him.

Owen Berkeley-Hill was a man of wide culture and learning. He knew as many as 15 different languages including French, German, Swaheli, Telugu, etc. He served in Africa during the last Great War and for a long time before his retirement was in charge of the European Mental Hospital at Kanke, Ranchi. Under his able management the efficiency of the institution rose to a great height and when a few years back the members of the League of Nations visited the hospital during their tour in India they expressed the opinion that it was the best managed mental hospital they had ever seen. From the beginning of his career as a mental specialist Berkeley-Hill was interested in psycho-analysis. He was one of the foundation members of the Indian Psycho-analytical Society. He wrote numerous articles in lay and technical journals on various psychological subjects including psycho-analysis and psychiatry. He was for some time the editor of the *Quarterly Bulletin* published by the Indian Association for Mental Hygiene. His writings have a literary grace which is peculiarly his own. One of his books which dealt with the question of Hindu-Moslem difference was proscribed by Government as it was thought that it contained expressions which might be offending to both the communities. Berkeley-Hill had a frankness which was unsparing even to himself. His autobiography which has gained immense popularity is an example in point.

His sympathy for India and the Indians knew no bounds. During the August riots of 1942 he was wantonly and mercilessly assaulted by a mob near Patna but he never bore any grudge towards anybody on that account. He made India his home and after retirement from service he settled down at Tatisilwai near Ranchi where he built for himself a magnificent house. He continued to work as a mental specialist even after his retirement and his clientele came from all over India. His popularity as a mental physician was very great indeed and there is no doubt that he will be very much missed by mental sufferers. Col. Berkeley-Hill was for some time the editor of the *Indian Journal of Psychology* and president of the Indian Psychological Association.

G. BOSE.

Read on 6-11-1944.

DR. E. L. G. CLEGG (1894-1944).

By the death of Dr. E. L. G. Clegg at the age of 50, the Geological Survey of India has lost its Director, and the Government of India an officer of outstanding administrative ability.

Dr. Clegg was born at Manchester in 1894, and was educated in the Central High School and in the Victoria University, Manchester. He served through the 1914-18 war as an officer in Northumberland Fusiliers and saw active service in France and Italy. After the war he took his M.Sc. from Manchester, and joined the Geological Survey of India as an Assistant Superintendent on the 1st December, 1920.

During most of his service he worked in Burma, but from 1926 to 1930 he remained in Calcutta, first as Curator and then as Officer-in-Charge of the Geological Survey Office. During this period he was also part-time Professor of Geology at the Presidency College, Calcutta, and Lecturer in Geology at the Bengal Engineering College, Sibpur. He also took a very keen interest in the work of the Mining

Geological and Metallurgical Institute of India, being one of its Joint Honorary Secretaries from 1927 to 1930, and its Vice-President in 1943.

In Burma Dr. Clegg mapped parts of the Minbu and Thayetmyo districts, publishing a Memoir thereon in 1938; while he also studied the Mogok stone tract and made numerous traverses in the defiles of the Irrawaddy, the Jade mines district and elsewhere, the results of this work being published in 1941 as a Memoir entitled 'The Cretaceous and Associated Work of Burma'. On the palaeontological side he made a special study of the *Echinoidea* collected by various officers of the Geological Survey of India in the Persian Gulf area, a description of which he published in 1933. He was given the degree of D.Sc. from Manchester University in 1938.

During much of his time in Burma Dr. Clegg was Officer-in-Charge of the Burma Party, and he obtained a very detailed knowledge of Burma's mineral resources, including her oil. This enabled him to publish a valuable paper on 'The Mineral Deposits of Burma', and a Bulletin on 'Tin and Wolfram', the latter appearing a few months before his death.

On returning from Burma to India in June 1942, after a short spell in the Central Provinces and Baluchistan, he was appointed Director of the Geological Survey of India on July 1st, 1943, and since then until his death on September the 8th this year, he was actively engaged in the important duties associated with his post, and was elaborating a scheme for the expansion of his department at the time of his death.

By his death the Geological Survey loses an able administrator whose knowledge and experience would have been invaluable in the immediate post-war years.

W. D. WEST.

Read on 6-11-1944.

WILLIAM ALEXANDER KYNOCK CHRISTIE (1882-1944).

An obituary notice from the pen of Sir Lewis L. Fermor, F.R.S., recording the death of Dr. W. A. K. Christie in London on the 16th June, after a short illness, has appeared in *NATURE* (September 30, 1944, vol. 154, No. 3909, pages 421-2). The news of the Doctor's death was very unexpected to his friends in India, and he has left many friends in this country, many of whom were looking forward to see him again as soon as they were able to wind up their affairs here. Dr. Christie is remembered for his great talents, his never tiring kindnesses, his remarkable consideration for others, and his immense helpfulness both to his colleagues in scientific work and to others in all kinds of ways—socially, financially and by actually doing work for them. It is true that Christie published few scientific papers, but he was too busy helping others that he found little time to write his own observations and researches. As he expressed it in a letter to me from Paris several years ago, '... for, as you of all people know, I am much better tearing other peoples' bits of composition than in writing my own story'. And he continued in reply to some suggestions I had made relating to the mode of formation of laterite, '... To my mind it is too vague, too nebulous. You've got lots of suggestive ideas but their relevancy and their application to the problem are not there and I should be surprised if you found them in the literature. I'd like to see you with a scrum of Leclanche porous pots and pints of colloidal silica and bags of colloidal alumina and kilos of colloidal $\text{Fe}(\text{OH})_3$ and millivoltmeters and scraps of Pt foil and electroscopes, showing how things work. And, mind you, it's not a question of the explanation being too tedious . . . I dare say I'm much too insistent in my notions about direct experiment, and the time factor—which made my last letter to you seem as of yesterday you remember—makes many a geological problem experimentally insoluble, but you're inclined to be the other way . . .'

Doctor's friends will remember him by the little extract I have given above, and also the following, for he went on to actually help after his first broadside: 'Talking about literature I had a really hard job with your bibliography for I ran down to its original in the library everything that was there, which was, I think, more than

you did yourself. Reckoning 7 hours a day it must have taken me weeks, a large part of it being wasted on German "traveller's tales" that you'd taken in French from 'Dubois' bibliography which I didn't spot until late on.' He added further, 'Talking about Fermor reminds me that he charged me with a mission . . and as I agreed with him I said I'd brave your wrath and take it on. It was the danger of the journalistic article . . . although the article is what is wanted by the editor, it may not be—on account of lack of time and opportunity for the necessary work—be what is expected by the geologist of reputation from the geologist of reputation . . that is what counts . . and now I've said—wilt forgive me? I like the cheek with which I tell you off—myself meriting whips and scorpions.' Perhaps no society has had so much assistance from any of its members as has the Royal Asiatic Society of Bengal from Dr. W. A. K. Christie. He had joined the Geological Survey of India as Chemist in November (17th) 1906 and from before 1914 until Mr. Van Manen was appointed General Secretary of the Society in 1923 Christie attended to these duties in an honorary capacity, and even afterwards when Mr. Van Manen was on leave or the President needed advice or other assistance Christie gave it freely and in a fashion and so thoroughly that there was little left to be done. It was only natural that Christie became President of the Society after having already been made a Fellow in 1919. After 26 years' service in the Geological Survey of India Christie retired in October 1932. During this period he had been President of the Bengal United Service Club in Calcutta, a keen member of the Royal Calcutta Turf Club, and the member of several other Clubs in Calcutta (in all of which he was sometime a committee member and one who was always sought after).

There is no question that Dr. Christie was a 'sahib' as well as scholar, and endowed with great gifts—good presence, extreme patience, wonderful knowledge, exceptional thoroughness, clear vision and full of the milk of human kindness though not lacking in sharp or clever remark when necessary. He was born in Edinburgh on the 2nd October, 1882, the youngest son of Charles Robert Christie and Margaret Catherine Paterson. He was educated successively at Daniel Stewart's College, the Heriot Watt College and the University at Edinburgh, where he secured the degree of B.Sc. with special distinction in chemistry. He then went to the University of Zurich and obtained his Ph.D. He served in France during the last war, and his great chemical knowledge and his greater experimental skill were well appreciated by his military colleagues. His services were placed at the disposal of His Majesty's Mint in Calcutta from 1918 to 1920. In 1936 he returned to India as a special technical officer in what was then the Principal Supply Officer's Committee (India). He was in England on leave when war broke out afresh in 1939 and his services were retained at the India Office until his death. In 1930 he had married Miss Winifred Davidson and Mrs. Christie, who survives him, has the sympathy of all her husband's friends in the great loss she has sustained by his death. In the Geological Survey of India Christie will always be remembered by his work in establishing the 'wind borne' character of some of the salt in the Rajputana lakes. To the Royal Asiatic Society he will be remembered by the unwearying work he did for the Society and its Presidents and Fellows and members for more than 20 years, work which a whole-time Secretary of the calibre of Mr. Van Manen found difficult to do as thoroughly and efficiently. He will be remembered in Calcutta by those who sought his help and guidance and advice, and perhaps by those who were saved expense or in other ways in the episode of the ship which arrived in Calcutta with a cargo of chemicals after a maiden voyage and was threatened with fire. Indeed matters had got to the stage that it was considered advisable to scuttle the steamer when Christie's advice was sought, and only given when it was agreed it should be followed. By his energetic action and chemical skill the ship was saved and the chemicals largely secured undamaged in the course of a few hours' carefully organized and directed operations. I believe the only gift he accepted for this great piece of work was a gold cigarette case—to remind those concerned, when offering them a smoke, that a chemist is to be depended on as much outside as inside the laboratory. Of Christie's ability as a chemist I think it is enough to say that he was in the very

front rank of any chemists in any country including Germany or any other supposed home of great chemists, not forgetting the United Kingdom itself.

CYRIL S. FOX.

Read at the Monthly Meeting on 6-11-1944.

DR. HENRICH LEUDERS (1869-1943).

Dr. Leuders took to Sanskrit studies and Indological research under the inspiration of eminent German Sanskritists like Dr. Bühler and Dr. Kielhorn. Dr. Leuders made a remarkable contribution to Indian Epigraphy by publishing his 'List of Brāhmi Inscriptions', in the *Epigraphia Indica*. Dr. Leuders with his learned wife (once his pupil), analyzed the valuable manuscript materials brought by the German Archaeological Mission (1911-1914) to Central Asia; and he had a satisfaction of announcing to the learned world the discovery of the lost dramatic fragments of the illustrious poet, Asvaghosa. He also recovered fragments of the works 'Kalpanā Manditīkā' (circa 300 A.D.) of Kumāralāta.

Prof. Leuders was a life-long student of Sanskrit, publishing his first studies on Vedic phonetic in 1895. In 1897 he published his first paper on the epic literature of India entitled 'R̥sya Sṅga Saga'. From that time he felt drawn to the task of bringing out a critical edition of the text of the Mahābhārata, a task which was fulfilled by his beloved Indian pupil, Dr. V. Sukthankar. He served, for years, in the editorial board of the Bhandarkar Institute, Poona, which undertook the task of publishing the critical edition of the Mahābhārata.

Prof. Leuders occupied the chair of Sanskrit in the University of Berlin and also served the German Oriental Society as its General Secretary. In 1927-28 Dr. and Mrs. Leuders visited India and Prof. Leuders delivered a series of valuable lectures at the University of Calcutta and at the Visva-Bharati of Dr. Rabindranath Tagore. He collaborated for a while with Dr. Sukthankar in Poona. He was elected Honorary Fellow of our Society on 4-9-39. His death in the midst of the world war in 1943 will be regretted by Sanskritists all over the world.

K. NAG.

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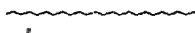
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YEAR-BOOK
OF THE
ROYAL ASIATIC SOCIETY OF BENGAL
FOR 1945

[Vol. XII, 1946]



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1945

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- (b) To propose and second candidates for Ordinary Membership.
- (c) To introduce visitors at the Ordinary General Meetings and to the grounds and public rooms of the Society during the hours they are open to members.
- (d) To have personal access to the Library and other public rooms of the Society, and to examine its collections.
- (e) To take out books, plates, and manuscripts from the Library.
- (f) To receive *gratis* copies of the *Journal*, *Year-book* and *Memoirs* of the Society.
- (g) To fill any office in the Society on being duly elected thereto.

PROCEEDINGS OF THE ANNUAL MEETING, 1946

FEBRUARY

The Annual Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 4th, at 5-30 p.m.

PRESENT

Professor MEGHNAD SAHA, D.Sc., F.R.S., F.R.A.S.B., President, in the Chair.

Members :

Abdul Ali, Mr. A. F. M.	Gupta, Mr. D. C.
Agharkar, Dr. S. P.	Gurner, Mr. C. W.
Ahmed, Mr. A.	Habibullah, Dr. A. B. M.
Ahmed, Dr. Nazir	Hai, Mr. H. A.
Akram, The Hon'ble Mr. Justice A. S. M	Hobbs, Major H.
Asadullah, Khan Bahadur K. M.	Hora, Dr. S. L.
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Culshaw, Rev. W. J.	Nag, Dr. K.
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Das Gupta, Mr. S. R.	Ramsay, Mr. R.
Deb, Mr. P. K.	Roy, Mr. K. B.
Edgley, The Hon'ble Mr. Justice N. G. A.	Sanyal, Mr. S.
Ezra, Sir David	Schroff, Mr. M. L.
Fawcus, Mr. L. R.	Sen, Dr. A. K.
Foster, Mr. R.	Sen, Mr. S. P.
Gentle, The Hon'ble Mr. Justice F. W.	Singh, Mr. H. R.
Ghani, Mr. O.	Singhania, Mr. M. M.
Ghose, Mr. D. C.	Singhi, Mr. R.
Ghose, Mr. R. C.	Sorab, Mr. D. M.
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Gomes, Mr. P. J.	Wadia, Mr. D. N.
Griffiths, Dr. W. G.	West, Dr. W. D.

and many others.

There were also 60 visitors present.

The President ordered the distribution of the voting papers for the election of officers and members of council for 1946, as well as the voting papers for the election of Ordinary Fellows proposed by the Council, and appointed Messrs. A. Ahmed and I. P. Mukherjee to act as scrutineers.

The President also ordered the distribution of the Annual Report for 1945 and called on the General Secretary to present it. The Annual Report was then presented after making a few remarks thereon. (*Vide* page xviii.)

The President then read his Annual Address (*vide* page iv). After the reading of the Address, the President called on the scrutineers to report and announced the result of the Council election. (*Vide* page xvii.)

The President vacated the chair for the President, the Hon'ble Mr. Justice N. G. A. Edgley, who thanked the Society briefly for electing him President for 1946.

The President for 1946 said:—

'My first announcement is regarding the Election of Ordinary Fellows. On the report of the scrutineers, I have to declare that the four names set forth on the ballot paper have been duly elected Ordinary Fellows of the Royal Asiatic Society of Bengal, viz.,

1. Dr. Roma Chaudhuri,
2. Prof. M. M. Haq,
3. Dr. H. C. Ray Chaudhuri,
4. Dr. W. D. West.

The President continued to say:

'I have to make the following announcements concerning the award of the Elliott Prize for Scientific Research for last year. The prize was for chemistry for which papers from two candidates had been received in competition for the prize but the Trustees have found the papers not of sufficient merit to award the prize, so no prize has been awarded for last year. The prize for 1946 will be for work in Physics concerning which detailed announcement has been published in the *Calcutta, Bihar and Orissa Gazettes*'.

'My next announcement is regarding the Annandale Memorial Medal. This medal is awarded every three years for conspicuously important contributions to the study of Anthropology in Asia. The Advisory Board of the medal met at the appointed time and they recommended that no award of the medal be made for last year as the recommendations received by the Board did not comply with the Regulations regarding the award of the medal. The Board therefore has recommended that the award be postponed till the next year.'

'My next announcement is regarding the Bimala Churn Law Gold Medal. This Medal is awarded every year for important contributions to any one of the following subjects: History, Geography, Philosophy, Religion, Ethnology, Folk-lore, Fine Arts and Architecture with special reference to India, from the earliest times down to the 13th century A.D., and to Bengali language, literature and philology. The medal for last year is awarded to Mr. Percy Brown, M.B.E., for his conspicuously important contributions to the study of Fine Arts and Architecture with special reference to India from the earliest times down to the 13th Century A.D.'

The President handed over the medal to Mr. Percy Brown with his and the Society's congratulations.

The President said:—

'My next announcement is regarding the Barclay Memorial Medal. This medal is awarded every alternate year for conspicuously important contributions to medical or biological science with reference to India. The medal for last year is awarded to Dr. Hem Singh Pruthi, Director and Adviser to the Govt. of India on Plant Protection, New Delhi, for his conspicuously important contributions to the study of Agricultural Entomology with reference to India.'

The President handed over the medal to Dr. Hora and requested him to forward it to the recipient with his and the Society's hearty congratulations.

The President said:—

‘My next announcement is regarding the Sarat Chandra Roy Memorial Medal. This medal is awarded every year to a person who is considered to have written the most outstanding book or monograph on any aspect of the Cultural Anthropology of India in the English language, failing that in Bengali. The medal for last year is awarded to Mr. J. P. Mills, C.I.E., I.C.S., Secretary to the Governor of Assam, Shillong, for his conspicuously important contributions to the study of the Tribal Ethnology of North-East Asia.’

The President handed over the medal to the General Secretary and requested him to forward it to the recipient with his and the Society’s hearty congratulations.

The President then made the final announcement as follows:—

‘Ladies and Gentlemen,

In declaring the Annual Meeting dissolved, I invite the members to remain in their seats for an Ordinary Monthly Meeting for the election of Ordinary Members and the transaction of routine business, while the guests may inspect some exhibits of rare books, manuscripts, etc., of the Society’s Library, kept at the eastern end of the main hall.’

ANNUAL ADDRESS, 1945-46

MEMBERS OF THE SOCIETY, LADIES AND GENTLEMEN,

I deeply appreciate your kindness in electing me to the Presidency of the R.A.S.B., the oldest and the most eminent literary and scientific society in the East. The honour is all the more appreciated because it was given at a time when I was abroad as a member of the Indian Scientific Mission. But the honour has proved somewhat embarrassing, as, due to the multifarious extra-collegiate activities which have been thrust upon all scientists in this country on account of various post-war plans of reconstruction, the demand upon my time and energy has been so great and exacting that, at the end of the year, I had to take the decision of expressing to the Council my inability to serve the Society for another term. The members were kind enough to relieve me of the responsibility for which I am deeply grateful.

Last year has been for the Society, as well as for myself, a period of hectic activity. It saw the termination of the terrible Global War which has been on the world for the last six years like a nightmare. The present year happens to be the Bicentenary of the birth of our illustrious Founder, which occasion we celebrated just a fortnight ago. It will be superfluous for me to dwell further on the Bicentenary, as members must have heard the fine address on the Life and Work of Sir William Jones, delivered on the 7th January by our eminent colleague Dr. Suniti Kumar Chatterji. I may also refer to the address of our ex-President, Sir Lewis Fermor (whom we had again the pleasure of welcoming on the occasion of the Bicentenary as representative of the Royal Society) for an extremely lucid and accurate account of the activities of the Society during the last 150 years. It is a matter of gratification that the torch of scientific study, first lit by Sir William Jones 162 years ago in this city, is still burning with full lustre and has drawn admirers and fellow-workers from all parts of the globe to offer respectful homage to his memory. We deeply appreciate the messages sent on this occasion by the different learned societies of the world, and thank the delegates for their participation in the celebrations. On this occasion, we had for the first time delegates from our next-door neighbours, Afghanistan and Iran. Sardar Md. Ali Kohzad, the Afghan delegate, brought for exhibition several specimens of art and antiquity of the Buddhist period excavated from different parts of Afghanistan and gave accounts of the archaeological work that is being carried on there. His speeches, activities and exhibits aroused a good deal of interest. He reminded us of the days when the tract of land, now called Afghanistan, was known as Ariana and her contacts were more intimate with India than with Central Asia or Iran. Dr. Razavy, the delegate from Iran, brought us greetings from the Iranian scholars and Government circles. Last June when I had the privilege of spending a few days in Teheran, I visited the Iranian Archaeological Museum which is one of the finest I have ever seen, in point of richness of collections and the scientific manner in which the exhibits are arranged. History tells us that the civilizations of India and Iran had a common origin, but in course of time the two countries have sometimes come close together, at other times they have drifted apart. The contacts between the two countries had at several periods been decisive for the subsequent history of both countries and though we can now, in the absence of direct proofs, merely surmise the mutual

influences of the two countries on each other, the correct determination of this contact will depend largely upon the work of archaeological excavations which are being carried on in Iran and India on a large number of ancient sites. I hope that Dr. Razavy's and Mr. Kohzad's visit to our Society will open the way for continued and fruitful cultural intercourse between India on the one side and Iran and Ariana, if I can call Afghanistan by her old name, on the other side. It is a matter of sincere gratification to learn that under the initiative of our present Director-General of Archaeology in India, Dr. Mortimer Wheeler, a plan of co-operation between India and Iran and Afghanistan is being developed.

While taking justifiable pride in our past, I feel we should not forget to think about our future. Sir Lewis Fermor has recounted in his address, just mentioned, how the R.A.S.B., being the first learned society in this country, took the initiative in proposing to the Government of India schemes for the foundation of different scientific services and scientific institutions; how it took the initiative to start that annual gathering of Indian scientists known as the Indian Science Congress; how through the initiative of the Indian Science Congress session of 1934, over which I had the honour of presiding, the National Institute of Sciences was brought into existence. This is a body of senior scientists, corresponding in functions and activities with the Royal Society of London or National Academy of Sciences in Washington. The National Institute had been housed in our premises for the last ten years; but on its formal recognition by the Government of India as the premier association of scientists in India, its headquarters are being shifted to Delhi from this year (1946). We wish the National Institute of Sciences long years of service to the Government and to the country.

The Council have made heroic efforts during the year to develop some of our future lines of activity. We hold in trust for the public Sanskrit, vernacular and Persian and Arabic manuscripts, numbering some fifty thousand, which are expected, when they are published, to throw much light on the civilization of ancient and medieval India. We have, besides, nearly 25,000 coins which have not yet engaged the attention of the numismatists. One of the chief reasons why all these materials could not be utilized has been the lack of paid scholars to take up the task of editing and publishing the valuable manuscripts as a whole-time work. It is gratifying to learn, however, that, on our representation, the Government of Bengal has kindly agreed to give us a grant of Rs.10,000 annually for five years for the compilation of a series of source books on the medieval history of Bengal. The Society has entrusted this work to the care of our veteran historian, Sir Jadu Nath Sarkar. The Council are grateful to Sir Jadu Nath for his voluntary offer of help in this connection. The Bengal Government has further, on our representation, graciously given us another grant for the foundation of four Fellowships of Rs.150 each, for two years for the present, and the Council have named them after three of the Society's most prominent earlier workers; one on Sanskrit studies after Sir William Jones, the Founder; the second on Epigraphy and Numismatics after James Prinsep who deciphered the Brahmi alphabet about 107 years ago and thus revealed the historic past of India; and the third after Raja Rajendra Lala Mitra who served the Society first as Assistant Secretary and Librarian and then as the first Indian President, and who was a pioneer of Buddhistic and archaeological studies in this country. The fourth Fellowship has been reserved for Islamic studies and I hope the next Council will see their way in naming it after one of the benefactors of the Society. With the institution of these Research Fellowships, which we hope

will be made permanent, the R.A.S.B. may be expected to become the home of scholars.

Our publications have been unfortunately in arrears and original contributions are falling. This must be partly due to the emergence of a large number of provincial societies all over the country. But it behoves the Council to see that the R.A.S.B. retains its premier position. Let me warn you in the words of Sir William Jones.

‘It (Asiatic Society of Bengal) will flourish, if naturalists, chemists, antiquarians, philologists, and men of science, in different parts of *Asia*, will commit their observations to writing, and send them to the Asiatic Society at Calcutta. It will languish if such communications shall be long intermitted; and it will die away if they shall entirely cease.’

Though we have not published many original articles in the past, some have been of genuine merit. I particularly recall the pleasure with which I read the learned article by Dr. N. K. Bhattasali on the Bhowal Copper Plate of Lakshmana Sena, and the articles by my old teacher, Prof. P. C. Sengupta, on ancient Indian astronomy, which are masterpieces of erudition and critical judgment.

The late Mr. R. P. Chanda, who was one of our Fellows and a great authority on ancient history, art and anthropology, used to tell me that the R.A.S.B. should invite articles from eminent scholars dealing with the *periodical review* of some unsolved problems in Indian history, as for example, the origin of the Vikrama, Shaka and other eras, the chronology of Mauryan times, the invasions of the Shaka and Kushans, etc. Such periodic reviews have been found very useful in scientific circles and contribute much to the clearing up of problems. I wish to recommend this idea to the next Council for consideration. As a model, we may take the monumental work on ‘The History of Bengal’ undertaken by the Dacca University, under the editorship of our colleague Dr. R. C. Majumdar, which may be taken as a collection of reviews of important problems of Bengal History during the Hindu epoch.

The main difficulty in promoting the activity of the R.A.S.B. appears to be the lack of a permanent and whole-time officer who can look after all the research and cultural activities of the Society. It is a matter of common knowledge that the members of the Council, many of whom are eminent scholars, historians and scientists, are all busy men and can hardly spare more than a fraction of their time for the work of the Society. We lack such workers as the late Raja Rajendra Lala Mitra or Mahamahopadhyaya Haraprasad Shastri who were whole-time workers. We have applied to the Government of India for a grant of Rs.20,000 which will enable us to make such an appointment. Let us hope that the Government will render the necessary help.

Last year we had visits from our Patrons, H.E. the Viceroy of India, Lord Wavell and H.E. the Governor of Bengal, the Rt. Hon’ble Mr. R. G. Casey. His Excellency the Viceroy expressed great interest in our collections and, as a mark of his appreciation of the work of our Society, he has presented us with an autograph copy of the book, ‘A Short Review of the British Government in India and of the State of the Country before the Company acquired the Grant of the Dewanny’, by Edward Baber, printed in 1790. We took this opportunity of acquainting His Excellency with the most urgent need of the Society, namely, a new building, and His Excellency expressed sympathy with the project. As you know, our building is one of the oldest in Calcutta, being 137 years old, and according to competent engineers it can last only for a few years more. The roof is leaking and many of the rooms, where our precious collections

are housed, have been condemned in no uncertain terms by the Government chemist, Dr. Sanaullah. The total area is completely inadequate for the various needs of the Society. We have had at the Council several discussions on this matter; and after listening to the discussions, a synthetic plan has been evolved for a new building and we are deeply grateful to Mr. Matthews of Messrs. Ballardie Thompson & Matthews for preparing a plan of the proposed building. I call this plan synthetic, because it will not only house our present office and the library but will provide rooms for other long-felt needs. We have not been able to provide working rooms for many of the scholars who wish to work with our manuscripts, coins and inscriptions. We are unable also to provide accommodation for some of our permanent officers who should remain in the precincts and also temporary accommodation for foreign and Indian scholars who desire to stay for some time in the Society and finish their own scholarly work with the aid of the materials which we can place at their disposal. We have no lecture theatre worth the name, but our main hall has to be converted every time *ad hoc* into a lecture theatre. If we have to make our lectures, and discussions entertaining, we must have a modern lecture theatre provided with magic lanterns, epidiascope, sliding blackboards and so on. Further the greatest need appears to be to provide club and refreshment rooms for the large number of our members who have joined the Society in order to be able to make first-hand contact with the large circle of our scientist and scholar members. This class of membership has been not only a valuable asset from the financial point of view but as many of them occupy positions as members of Government, leading industrialists and men of influence in other ways, their membership of the Society will enable us to make those contacts which often lead to fruitful creative action.

Our city is the home of more learned and cultural societies than any other in India, and many of them have, in the past, approached us for rooms. The R.A.S.B., as the mother of many learned societies in India, which have originated direct from its own activities or suggestion, have in this respect a duty towards them. If the Society can get funds for constructing its new premises, it will serve the purpose of a 'Burlington House' for Calcutta. We have formally applied to the Governments of India and Bengal for funds to construct the new building, and I wish also to take this opportunity of appealing to the wealthier classes of this city to come forward with their own offers of donation for this purpose.

We have received no large donations in the past year, but I must express, on behalf of our Council, our gratitude to our distinguished colleague on the Council, Dr. B. C. Law, for the unceasing stream of contributions from his purse for specified purposes: he has founded a gold medal for encouragement of Indological studies, for the publication of the 'Introducing India' series, which give some account of the topics dealt with in our discussion lectures, and for publication of his own work 'Thupavamsa' in the *Bibliotheca Indica* series.

Last year owing to the co-operation of our Council members, especially the Hon'ble Mr. Justice Edgley and Mr. L. R. Fawcous, we were able to arrange a large number of meetings at which many problems vital to Bengal were discussed. They were introduced by specialists on the subjects and discussed by the audience comprising the intelligentsia of the city and our members. It is a matter of pity that most of these discussions could not be recorded and printed for the benefit of the public. Having listened to some of them, I felt sure that with some improvement in organization they may prove valuable not only for educating the public on certain

questions of vital interest to the country but also in the actual post-war planning. In fact, if we can provide a club room, probably a large number of specialists on the subjects can be brought together to partake in discussions and produce pamphlets on very important questions affecting India, like the Political and Economic Planning Society of England. Let me leave this suggestion to the next Council.

While laying down my office, let me express my thanks to the members of Council for the courtesy with which they treated me and the loyal spirit of co-operation which they evinced. The Hon'ble Mr. Justice N. G. A. Edgley, who succeeds me as President, is a distinguished lawyer and has given time and energy ungrudgingly for the benefit of the Society. To him we are indebted in many matters. He has planned a scheme of intellectual co-operation between the literary bodies in India and in Great Britain which, I hope, he will see carried out during his regime. In Dr. Nag we have found a very energetic General Secretary and my thanks are specially due to him. The staff of the Society worked hard during the last year, and I would be failing in my duty if I do not mention the fine work done by our Superintendent, Rao Sahib P. O. Matthai, as well as our Librarian, Mr. S. K. Saraswati.

II

It has been the custom for the President to give a learned discourse on a specialized subject, in which he has preferably made some contribution. I feel this part of my obligation has been discharged after I delivered a lantern slide lecture on 'Atom Bombs' about three weeks ago on the occasion of the Bicentenary of Sir William Jones. Nevertheless, I have thought that it would be unwise to break the long-established tradition. I wish therefore to say a few words on my experiences abroad during the last year. I have borrowed the subject from the Inaugural Speech of our Founder, which is well known to you :—

'When I was at sea last August (1783) on my voyage to this country, which I had long and ardently desired to visit, I found one evening, on inspecting the observations of the day, that *India* lay before us, and *Persia* on our left, whilst a breeze from *Arabia* blew nearly on our stern. A situation so pleasing in itself, and to me so new, could not fail to awaken a train of reflections in a mind, which had early been accustomed to contemplate with delight the eventful histories and agreeable fictions of this Eastern world. It gave me inexpressible pleasure to find myself in the midst of so noble an amphitheatre, almost encircled by the vast regions of Asia, which has ever been esteemed the nurse of sciences, the inventress of delightful and useful arts, the scene of glorious actions, fertile in the productions of human genius, abounding in natural wonders, and infinitely diversified in the forms of religion and government, in the laws, manners, customs and languages, as well as in the features and complexions of men. I could not help remarking how important and extensive a field was yet unexplored, and how many solid advantages unimproved.'

Last year I had somewhat similar experiences. As a member of the Indian Scientific Mission I had to fly over three continents, several oceans and seas, over regions which have lately been the theatre of the most murderous War in history. Later, in July 1945, I had to undertake a journey over Arabia, Mesopotamia and Iran to the mystery land of Soviet Russia, which had emerged victorious after a life and death struggle with Nazi Germany. You may be curious to know what were my impressions during these journeys.

Our visit to England took place at a time when the end of the War was in sight though V-1 and V-2 bombs were harrying London and suburbs, and German leaders like 'drowning men catching at a straw' were talking of a mysterious weapon which would finish their enemies at the last moment. This proved to be the atom bomb which the Germans had started but could not bring to a successful finish owing to lack of power, personnel and material.

In the U.K., in spite of war-time restrictions, even the most secret scientific and industrial establishments were thrown open to the Mission. The experience thus gained was a revelation. We saw the wonderful heights which scientific ingenuity and well co-ordinated team work could attain when directed to one great Purpose. You have heard of the great war weapon, the Radar or radio location and radio direction of aircraft, which was evolved at the little country town of Malvern in the beautiful Shakespearean country. Dr. Gough, the Director, claimed it as the third greatest invention in war weapons, next to those of explosives and the internal combustion engine. But the ingenuity of the British scientists showed itself in every field: in the invention of jet propelled planes, new types of tanks, new alloys for guns, tanks and planes, new kind of plastics and adhesives, all of which had a far-reaching effect on the course of the War. Not only in the fields of industrial production, but in those of agriculture, food production and food processing, in evolving new types of medicine like the penicillin and gamaxane, the inventiveness and resourcefulness of the British scientists rose to the highest level. Yet we learnt that very little of the basic knowledge on which these wonderful achievements have been founded, including the Radar, was evolved during the War. They were all obtained within the period 1920-40 in the university laboratories, research institutions of the Government and of the great industries like the I.C.I., by scientific workers urged by the spirit of enquiry, and probably many would not have received any practical application for years together but for the occurrence of the War.

The Great War of 1914 found England quite unprepared and backward in the manufacture of important chemicals and in the equipment of many important technical processes. After the War, the Government of Great Britain made a determined effort to retrieve the position and brought into existence the Department of Scientific and Industrial Research, the Agricultural Research Council, the Medical Research Council and a large number of other research institutes and adopted a policy of liberally subsidizing the professors in the universities in their fundamental work. The expenditure thus incurred has amply earned its dividend during the present War. Science has saved Britain and led to victory.

Sir John Anderson who, during his Governorship of Bengal, was the Patron and for some time President of the Society and during the present War as Lord President of the Council was responsible for co-ordinating the efforts of scientists and technicians, has proposed a better organization of the post-war scientific service in Britain. This should engage the serious attention of our own rulers who have failed to be enthusiastic over such questions in India. He writes:

'The restoration of the economic life of Britain and even the maintenance of the living standards established pre-war is dependent on building up our industries to a level of efficiency higher than ever before attained. We have, to a large extent, lost the competitive advantage which our mineral resources and sea power gave us in the halcyon days of the last century. It is a further disadvantage that the exports which we must have in order to pay for vital supplies of food and raw materials are so

much greater in relation to the corresponding home demand than in the case of either the United States or the U.S.S.R. It is on the quality of our products that we must rely to overcome all the disadvantages and to this end we must build up the finest possible bodies of technicians and make the fullest use of all new developments to which science can point the way.'

Sir John Anderson thinks that the kernel of the problem lies under three heads: training of personnel, finance and organization. He further pleads that fundamental research work should be carried out not only in the university laboratories but also in industrial research establishments, as well as at centrally selected Government establishments.

In fact, Sir John Anderson, like Prof. A. V. Hill who came to India a year ago to advise the Government of India on scientific research, pleads that the progress of science and of its application to public welfare depends upon four M's—

MEN, MONEY, MATERIAL, MACHINERY OF ORGANIZATION.

It occurred to us that after the lesson of the last Global War, England will never allow science to be neglected in her home country, and this is confirmed by the recent speech of Sir John Anderson.

Can this be said of India? As far as my knowledge goes, neither Prof. Hill's valuable report, nor the resolution of the National Institute of Sciences that one per cent of the central and provincial budget should be set apart for scientific research, nor the measures of taxation relief in the case of endowments for scientific researches proposed by no less a person than the late Finance Member Sir Jeremy Raismann himself, has yet been considered seriously by the Government of India.

I have served for the past several years on the Board of Scientific and Industrial Research and on many other committees in the company of industrialists and Government officers. It has been found always difficult to bring home to my non-scientific colleagues who are, unfortunately for the growth of Indian science, too numerous in these bodies, the importance of fundamental research. With the industrialists the profit motive has always been uppermost and whenever any research scheme has been put forward, the question has been asked in what way that will benefit the industrialists of the country. The officials in general are not much better and are unappreciative of the necessity of fundamental research.

The great physicist Sir J. J. Thompson said after the Boer War 'that if fundamental research were subjected to the orthodox government system of planning, they would have probably asked the scientific men to find out a rational way of finding bullets located in the human body. The orthodox way would have been to make the human body a pin-cushion, but the X-rays could not have been discovered in that way.'

The practical way of combating enemy aeroplanes during the days when German bomb attacks were threatening to paralyze the industrial life of Britain would have been to send a larger and faster number of aeroplanes against the enemy fleet of bombers, but such scientists of the official type, with a terribly practical type of mind, could have never foreseen that purely fundamental researches on the propagation of electromagnetic waves through the atmosphere and the pulse technique of locating the ionosphere, which was evolved out of mere intellectual capacity in pure research laboratories, could have led to a nearly 100% successful method of locating hostile aeroplanes and automatically training batteries of guns on them (Radar).

IN THE UNITED STATES OF AMERICA

Our movements in the United States of America were not so free owing to war-time restrictions, but thanks to the courtesy of the U.S.A.

Government, our tours were extensive and contacts were wide enough to enable us to comprehend the source of greatness of the great democracy of the West. We travelled from the snow-clad plains of industrialized east to the green fields and azure skies of the west, over oceans of wheat rippling in the plains of the middle west, flew over the mountains of metal from the great lakes and in the Rockies. We saw great rivers harnessed to give life-giving water to the desert and power to the factories; we saw huge industrial plants turning out giant aeroplanes and marvels of chemistry. We passed over western ranges on which graze millions of cattle and regretted that our time was not sufficient to visit the sunny south where cotton and tropical fruits grow in abundance.

While feasting our eyes on these achievements of human ingenuity several thoughts crossed our minds. We were reminded of the few thousand Red Indians who lived in this tract of land barely three hundred years ago, who never had the idea that their problem of food and living could be solved in any other way except by inter-tribal wars for the possession of a few acres of maize and corn or prairies containing wild game. And yet the same country today contains nearly 100 times greater population; for whom poverty does not exist and goods are produced in such plenty that to keep the price levels up, wheat has sometimes to be burnt and ship-loads of tomatoes have had to be dropped into the lakes. The standard of living has gone up so high that every family can maintain a motor car and the average life has gone up to 63 years.

Is not this a lesson for India? The case of the U.S.A. contrasted with that of the Red Indians three hundred years ago, and to some extent of the poverty-stricken States of the Latin America in recent times shows that mere attainment of political freedom cannot solve all the problems of living. The people must have the genius to develop the resources with which Nature has bountifully endowed almost every major country. This was nowhere more apparent to us than in the State of California, which with its green orchards, fertile fields and clear sky reminded us strongly of our own Bengal. We thought that the rainfall must have been as heavy as in Bengal otherwise the country could not be so green and productive. On enquiry we found that the average precipitation was no larger than 16 inches, almost the same as we find in the desert parts of the southern Punjab. Whence comes the life-giving water which nourishes the fields of California? We were told that southern California is irrigated by water coming from the Parker Dam over the Colorado river through an aqueduct about 300 miles long. The system is so efficient that not more than 10% of the water is lost by seepage and otherwise. California, besides being an agricultural country, has also large industries, and the power for this is derived from the Boulder Dam which has been erected in 1935 over the Colorado river higher up. But for this and other sources of hydroelectric power, California could not compete with the East in industries as she has no coal at all. And we were reminded of California before 1849, under the Mexicans, who had built churches in every village, and dedicated them to every Saint in the Catholic Church; but in spite of their religious devotion they could not get a bare living out of the poor, waterless country.

The history of independent America dates a few years before the foundation of our Society. The colonists of the 13 States rose in revolt as a protest against the attempts of the mother country to confine their activities only to agricultural pursuits. This fight had, as Prof. Chatterjee informs us, the sympathy of our Founder. Would civilization have survived World Wars I and II if the States of America had not attained the freedom to work out their own destiny in their own way?

While being shown round the spacious research laboratories of the Radio Corporation of America at Princeton, we looked at the names of research workers and found that the roll contained almost every nationality of Europe—Russian, German, Pole, the Balkans and all the west European people. We congratulated the Director who bore a Russian name on the complete synthesis of nationalities which had been achieved in his laboratory. He replied that this was not in any way peculiar to his own place but applied to every city and every walk of life in the U.S.A. and we found it to be correct. The people of Europe, who in their home country have been unable to settle their age-long differences, have found a complete synthesis in the melting pot of the New World and have combined to forge a new civilization.

We vaguely heard of the atomic cities and passed close to some of them. We met Dr. Vannevar Bush, the erstwhile M.I.T. Electrical Engineer, who handled the fine war-time organization of scientists and technicians known as the O.S.R.D., having a budget larger than that of the peace-time Government of India. We also met many of the scientists like Compton and Urey, some of them old acquaintances, who had taken, as we learn now, a very prominent part in the evolution of the atom bomb.

As you are now aware, the agitation for the utilization of fission energy for War purposes was first started by European refugee scientists, whom the monstrous race theory of Hitler, and the senseless persecution he had initiated, had thrown off to the hospitable shores of America. Never in history had a despot, and the people who followed him blindly, paid a greater price for arrogance and conceit. But for this act, the atom bomb probably would have been first evolved in Germany with consequences you might imagine. But the man in the street probably does not realize that the great weapon of the atom bomb, which may ultimately lead to the abolition of war, probably could not be successfully evolved, during the War, in any other country excepting the U.S.A. Countries like England had the requisite scientific and technical knowledge but being in the midst of the War it was impossible for them to spare the necessary amount of power, manufacturing plant and personnel which was necessary for bringing the effort to a successful termination. The U.S.A. could find all this, not merely because she was outside the main arena of the War, but for the fact that President Roosevelt long before the War broke out had, by his personal initiative, taken steps to harness three rivers of America for power, namely, the Tennessee, the Colorado and the Columbia. It was the surplus power obtained from the Grand Coulee and the Tennessee lines which could supply the atomic cities with the huge amount of energy required for the experiments which led to the successful evolution of the 'Atom Bomb'.

The full story of the great constructive works, on the multi-purpose development of rivers, which were undertaken and finished during the Roosevelt regime is not yet known in this country in all its aspects. People hardly realize the great part the President played in initiating these measures. Though the ideas were evolved mainly by scientists, working in universities and research institutions, the vested interests and inter-State jealousy did not allow any action to be taken for a long time. What can be the effect of a policy of 'laissez faire', in which capitalists are allowed to have their own way, is thus graphically described by the historian Beard :

'In the autumn of 1929, just as the country seemed safe and sound on the "high plateau of permanent prosperity" except for farmers, the business boom attributed to Republican statercraft burst with a resounding crash. The prime stocks of the leading corporations fell nearly forty

points on the average in a single day, Oct. 29, when more than 16,000,000 shares were dumped on the market at the New York Stock Exchange. This panic was followed by the explosion of banks, railway companies, and private concerns, by increasing woes among farmers already in straits, by closing the factories, shops and offices, and by a steep decline in the opportunities of employment for artists, writers, musicians, architects, engineers, playwrights and teachers—indeed the whole white-collar class—from New York to California. In the opening months of 1933 it was estimated, 12,000,000 men were out of work. Ruin and hunger, if not starvation, haunted not only the shacks of tenants and share-croppers on the land, not only the back streets, inhabited by industrial and professional classes, but also the grand avenues of great cities.'

President Hoover, a Republican, who was then occupying the White House, wrestled in vain with the situation in his own way, but in the Presidential Election of 1932, he had to make way for the Democratic candidate, Franklin D. Roosevelt, who at once took energetic measures known as the 'New Deal' to cope with the situation. This measure substituted Federal interference and initiative in place of 'laissez faire' almost in every walk of life and has been the target of continuous attack by the Republicans. But whatever opinions might be held about the measure, it is admitted that it dealt effectively with unemployment. But it did more than that.

One of the New Deal measures was the undertaking by the Federal State of huge developmental schemes for providing employment; these works were generally put in charge of relevant Federal Departments, e.g. the Bureau of Reclamation which planned huge projects—building of dams, excavation of canals, and construction of hydroelectric stations. In 1938, work was in progress in 32 projects in 12 different States. It was during Roosevelt's regime that the Boulder Dam, the Grand Coulee Dam and many other projects were carried out, and as a direct consequence of these measures America's productive capacity was enormously increased. It was during this period (1934) that President Roosevelt tried a new experiment in administration by creating the Tennessee Valley Authority to deal with the Tennessee River. It may be mentioned here that though the T.V.A. Act was actually piloted through the Congress by Senator Norris during the regime of Roosevelt's predecessor, the measure was vetoed by the latter as being antagonistic to the American tradition of interference with private enterprise.

It is well known that only President Roosevelt's forceful backing was responsible for the quick execution of these constructive measures. In the U.S.A. there is a good deal of ambiguity in the constitutional position regarding the prerogatives of the States and the Federal Government, and legally many measures could not have been undertaken without the concurrence of the States concerned. To take one example, in the Boulder Dam project, the river to be harnessed, viz. the Colorado river or its tributaries, passes through the States of Utah, Wyoming, Arizona, New Mexico, Colorado, Nevada and California. Six of the States ratified the project drawn up by the Bureau of Reclamation, but the State of Arizona, where the dam-site is situated, took a hostile attitude and never formally ratified the scheme. It is said that Arizona actually mobilized its army to stop the Boulder project being carried out. Probably under a less resolute President than Roosevelt many of the projects of his State Department would have remained dead letters in the face of such strong opposition.

We were told that the action of President Roosevelt in checking the centrifugal tendencies of the constituent States, had only one precedent, that was when 86 years ago, President Lincoln replied to the unanimous decision of the eleven confederate States of the South to secede from the Union in the memorable words, 'We shall prefer one hundred years of civil war rather than allow a single State to secede from the Union.' This courageous decision actually involved four years' of civil war, but the Union was saved. We were told that but for this action of President Lincoln, the U.S.A. would have become another Latin America, consisting of a number of poverty-stricken States, based on one-commodity economy, and engaged in internecine warfare, and a perpetual prey of exploitation by the predatory capitalistic powers of Europe.

JOURNEY TO SOVIET RUSSIA

My journey to Soviet Russia in June last, to attend the 220th anniversary of the U.S.S.R. Academy of Science, took me over the island of Bahrein, over Mesopotamia and the Zagros mountains to the metropolis of Iran, thence in a Russian plane over the Elburz mountains and the Caspian Sea to Baku, from there to the mouth of the Volga and along the Volga to Stalingrad and thence over the vast plains of Russia to the metropolis of the Soviet Republic. The total number of hours of flight was only 39 but the countries and the people traversed cannot be counted even in scores, and a thousand memories of ancient and modern times naturally crowded in our minds.

The island of Bahrein is normally a barren, sandy island and could hardly have forced its way to publicity but for the fact that oil was found there some 20 years ago and is now being worked by the Anglo-Iranian Oil Company. The flight from Bahrein to Basra took us over the Arabian province of Kuwait, where, as far as the eye can reach, one sees nothing but a vast sea of sand unbroken by any habitation or patch of green. Yet we were told in the U.S.A., by the head of one of the largest oil combines, that their prospectors have found in this region, below thousands of feet of sand, the richest reserves of oil in the whole world, much larger than the total reserves of the United States, and all within an area of some 600 square miles. In a short time, the director told us, a forest of oil derricks is expected to rise over this bleak region, but water will have to be brought in aqueducts from the Euphrates, 150 miles distant, for supply to the colony.

You may wonder why I am giving you this piece of information. Oil has been located in the past either from ground seepage or from certain surface geological evidence, and oftener by wild-cat methods. But in this particular case it has been found by geophysical methods, by the use of very delicate physical apparatus and by performing seismic experiments; for the surface features in Kuwait do not give the slightest indication of any hidden reserves, because the oil pockets are all at a depth of several thousand feet. This foreshadows the advent of a new age, *the Age of Deeper Exploration of the Earth's Crust*. Man has so far, with the tools and appliances at his disposal, been able only to scratch the surface of the earth, but science has now placed such delicate appliances at his disposal that he can explore the crust of the earth some thousands of feet below the surface. This new science of geophysical prospecting is scarcely two decades old, but in the U.S.A. and Canada the number of geophysicists runs to several thousands, distributed amongst universities, employees of oil and mineral companies, and among government departments. The oil prospecting company, whom we had the pleasure of contacting, has been spending

annually five million dollars on prospecting, exploration and laboratory work, and the latest developments in physics, chemistry and biology have been put under requisition. And we found that the mass spectrograph, which had till recently been a laboratory curiosity for weighing accurately the nuclei of atoms, is now coming into general use, for investigating the chemical composition of different fractionations of petroleum in the refining plants, and is claimed to do the work of fifty chemists.

I later learnt in Russia that the second Baku which the Russians have discovered north of the Caspian Sea is a region with the same physical characteristics as Kuwait. This oil region which gave Russia sufficient oil for her tanks and aeroplanes at a time when the Baku supply was cut off by the Germans was discovered by similar *geophysical* methods, with the aid of the gravimeter and seismic explorations. It occurred to me that the application of such methods has a future in India and I was confirmed in my belief when listening to the symposium which was recently held in Delhi under the auspices of the *National Institute of Sciences* on the Mineral Resources of India. The geological history of India is rather peculiar as vast tracts of the Indo-Gangetic Plain in Northern India lie buried under alluvial strata which are several thousand feet thick. We do not know what lies at the bottom of this vast strata of alluvium and what is the nature of the bed rock. Similarly, large parts of the Deccan are buried under lava flow obliterating all fossil remains of animal and plant life and Mr. Wadia thinks that the orthodox methods of geology are unable to indicate to us the valuable ore deposits which may be lying hidden deep under the lava. The geophysical methods, which have brought to light the Kuwait oil field and the second Baku, are expected to be of great help in these regions, but so far the Government of India has employed one geophysicist of foreign extraction for this purpose. But if the work is to be tackled seriously, we must have a Central Geophysical Laboratory to train a numerous personnel in geophysics.

Teheran is a fine and beautifully laid-out city against the background of the snow-clad Elburz mountains, but I was pained to see that the great country of Iran—once the home of powerful emperors who ruled over a great part of Asia and produced great poets, writers and artists, whose achievements even now provide an intellectual feast for the whole world—a victim of abject poverty and political uncertainty. It is partly because the Iranians, in spite of their political independence, have not yet had the opportunity to develop their genius to harness modern science and technology in the exploitation of their country.

I have written elsewhere of my impressions of Soviet Russia and do not wish to weary you further with any detailed account, but a few impressions are given. It appeared to me that in Soviet Russia politics have become a science, inseparable from economics and sociology, thanks to the lead given by Lenin. Scores of Russian professors, whom I contacted intimately, told me that, but for the direction given by Lenin, the Russian Revolution might have perished in a welter of conflicting ideologies. Even in pre-war days when Lenin thundered against Tsarist rule, he scarcely touched such abstruse questions as the advantages of Constitutionalism over Autocracy, or of Liberalism over Conservatism, or ever gloated over the catch phrases of Tolstoyan Christianity to sway the mob as is done in this country. His lectures gave facts and figures and appealed more to the intellect than to emotion. He compared the production of Tsarist Russia in food, fuel, iron and minerals with those of other countries, like Germany, England and the U.S.A. In 1913, in one of his speeches he drew attention to the fact that huge Russia, occupying

1/7th of the land surface of the globe, produced less than one-half of the electricity of tiny Switzerland having less than 1/100th of Russia's area. To those who could understand, this was a more conclusive condemnation of the Tsarist autocracy than a thousand tales of horror in the Siberian plains. Many of the Russian scientific leaders were against Bolshevism, but Lenin sent for them privately and explained to them that science would play great part in the development of Russia as a great industrial and political power, and thus enlisted their whole-hearted co-operation. As you are probably aware, the Academy of Science, founded by Peter the Great 220 years ago, was until 1918 merely a debating body of senior scientists, but during the last 25 years it has been invested with wide administrative powers, with a budget of nearly ten crores of rupees in our money, managing 76 pure research institutions and a number of scientific commissions. The Academy is the main-spring of scientific life in Russia.

In the words of Peter Kaptiza:

'The Academy of Science is the G.H.Q. of Soviet Science. It is called upon to be the ideological guide of the whole of Soviet Science, from top to bottom, and direct it to a healthy channel. Every individual institute of the Academy must follow the same policy, strive to become the guiding influence in its particular sphere of science, and try to achieve the maximum development.'

The Soviet scientists hold: 'If we describe the 18th century as a century of reason, the 19th as the century of individual attainments in science, the present times may be described as one of universal penetration of science into the life of man.'

You will think that this has been a somewhat rambling Presidential Address. But let me summarize my conclusions.

Old national boundaries have vanished, and the new age will be one of 'Super States'. Little States cannot survive either politically or economically. The U.S.A. has achieved this position earlier than all other nations because—

- (a) one hundred and seventy years ago it won the fight to work out its own destiny;
- (b) it gave every man the opportunity to develop his own personality, and neither religion, nor ethnic origin was any bar;
- (c) the people had the genius to develop the resources of the country, using the latest discoveries in science and technology;
- (d) there has been a great administrative centre for the whole country, which did not allow any constituent State to secede, or interfere with internal development.

Should not we in India remember these great lessons on the eve of our impending political changes?

It appears to me that the career of the R.A.S.B. has been somewhat like that of its contemporary, the great Banyan tree of the Sibpur Botanical Gardens. Like that king of trees, it has thrown all round itself aerial roots which have developed into independent and self-contained institutions having but little contact with the mother body. The original Society itself is now reduced to a mere trunk and unless we can infuse into it new life-giving activity it may become hollow like the trunk of the old Banyan tree.

OFFICERS AND MEMBERS OF COUNCIL.

ROYAL ASIATIC SOCIETY OF BENGAL, 1946.

*Elected and announced at the Annual Meeting,
4th February, 1946.*

President

The Hon'ble Mr. Justice N. G. A. Edgley, M.A., I.C.S., Barrister-at-Law.

Vice-Presidents

C. W. Gurner, Esq., C.S.I., I.C.S.
Dr. R. C. Majumdar, M.A., Ph.D., F.R.A.S.B.
Dr. S. P. Agharkar, M.A., Ph.D., F.N.I.
Dr. S. K. Chatterji, M.A., D.Litt., F.R.A.S.B.

Secretaries and Treasurer

General Secretary:—Dr. Kalidas Nag, M.A., D.Litt.
Treasurer:—K. P. Khaitan, Esq., M.A., B.L., Barrister-at-Law.
Philological Secretary:—Dr. N. Dutt, M.A., Ph.D., D.Litt.
Joint Philological Secretary:—Dr. Md. Ishaque, M.A., B.Sc., Ph.D.
Natural History Secretaries { Biology:—Dr. S. L. Hora, D.Sc., F.Z.S., F.R.S.E.,
F.R.A.S.B., F.N.I.
Physical Science:—Dr. K. N. Bagchi, B.Sc., M.B.,
F.I.C., D.T.M., F.N.I.
Anthropological Secretary:—Dr. W. G. Griffiths, M.A., B.D., B.Sc., Ph.D.
Historical and Archaeological Secretary:—Dr. B. C. Law, M.A., B.L., Ph.D.,
D.Litt., F.R.G.S., F.R.A.S.B.
Medical Secretary:—Lt.-Col. C. L. Pasricha, M.A., M.B., B.Ch., M.R.C.S.,
I.M.S.
Library Secretary:—Khan Bahadur K. M. Asadullah, F.L.A.

Other Members of Council

L. R. Fawcett, Esq., C.S.I., C.I.E., I.C.S.
Percy Brown, Esq., M.B.E., A.R.C.A., F.R.A.S.B.
Dr. W. D. West, M.A., Sc.D., F.N.I.
Maharajadhiraja Bahadur Sir U. C. Mahtab, K.C.I.E., of Burdwan.
A. P. Benthall, Esq.

ANNUAL REPORT FOR 1945.

The Council of the Royal Asiatic Society of Bengal have the honour to submit the following report on the state of the Society's affairs during the year ending 31st December, 1945.

Bicentenary Celebrations of the Birth of Sir William Jones.

As already announced in the Annual Report of last year, the arrangements for celebrating the Bicentenary of the Birth of Sir William Jones (1746-1946) were taken in hand during the year, and a Board consisting of the Hon'ble Mr. Justice N. G. A. Edgley, Messrs. P. Brown, M. Z. Siddiqi, K. P. Khaitan, K. Nag, and M. N. Saha, was constituted to consider generally matters relating to the celebrations. During the year, further meetings took place and the Council prepared the following programme of cultural activities :—

1. A summary of the main Proceedings of the 150th Jubilee (1934) celebrations together with a selected list of participants and of the Special Anniversary Honorary Members be prepared under the supervision of Dr. S. L. Hora.
2. To draw up a list of the learned Societies, cultural-scientific institutions as well as of individual scholars and patrons of learning, both in India and abroad, with a view to issuing invitations to the bicentenary functions.
3. The General Secretary to prepare such a list in consultation with the members of the Board and after examining the exchange list of the Society.
4. Regarding the Special publications in connection with the bicentenary, it was decided:
 - (a) To open a new series of 'Monographs' including that on *Aśvaghōṣa* by Dr. B. C. Law and *Inscriptions of Camboja* by Dr. R. C. Majumdar together with the following monographs already in hand :—
 - (1) *Humayun in Persia*—Mr. S. Roy.
 - (2) *Kols of Central India*—Dr. W. G. Griffiths.
 - (3) *Upper Atmosphere*—Dr. S. K. Mitra.
 - (4) *Bhalesi Dialects*—Mr. S. Varma.
 - (5) *Fisher's Memoir on Education*—Prof. A. N. Bose.
 - (b) To publish a complete author and subject-index of all the important articles in the *Asiatic Researches* and the *Journal and Proceedings* of the Society up to the end of 1945.
 - (c) To prepare a Commemoration Volume and request the following scholars to draw up a list of those who may be invited to contribute articles :—
 - (1) *Indian History and Culture—Ancient Period*—Dr. N. N. Law and Dr. R. C. Majumdar.
 - (2) *Indian History and Culture—Medieval Period*—Sir Jadunath Sarkar.
 - (3) *Islamic Culture and Literature*—Dr. M. Z. Siddiqi, Prof. M. M. Haq and Dr. M. Ishaque.

- (4) Indian Vernaculars—Prof. S. K. Chatterji and Dr. B. C. Law.
- (5) Indian History—Modern Period—Dr. S. N. Sen, Mr. C. W. Gurner and Mr. L. R. Fawcett.
- (6) Progress of Scientific Studies in India—Dr. S. L. Hora, Dr. K. P. Biswas and Dr. K. N. Bagchi.

It was further resolved that an annotated edition of Kalidasa's *Sakuntala* with the English translation of Sir William Jones be prepared and that a life-sketch of the Founder of the Society together with account of his cultural activities and full bibliography of his writings be prepared by Dr. Nag.

At a subsequent meeting of the Council, it was decided to hold the celebrations from 6th January to 15th January, 1946, and the following programme was arranged:—

SUNDAY, 6TH JANUARY.

4-30 to 6-30 p.m.

The President and Council of the Royal Asiatic Society of Bengal will be *At Home* to the members and guests on the Indian Museum lawn.

MONDAY, 7TH JANUARY.

5-30 p.m.

Ordinary Monthly General Meeting for the transaction of routine business to be followed by a General Lecture by Prof. Suniti Kumar Chatterji, M.A., D.Lit., F.R.A.S.B., Professor of Indian Linguistics and Phonetics, Calcutta University, on 'The Life and Work of Sir William Jones'.

TUESDAY, 8TH JANUARY.

Symposium.

3 p.m.

Opener: Prof. K. P. Chattopadhyaya, M.Sc., Head of the Department of Anthropology, Calcutta University.

Subject: Prehistoric Culture in India.

General Lecture.

6 p.m.

Lecturer: Col. D. H. Gordon, M.C., Jamshedpur.

Subject: Archaeology as an intelligent hobby.

WEDNESDAY, 9TH JANUARY.

Symposium.

3 p.m.

Opener: Dr. R. C. Majumdar, M.A., Ph.D., F.R.A.S.B., Vice-Chancellor, Dacca University (retd.), and Vice-President, Royal Asiatic Society of Bengal.

Subject: Indian Culture as a Factor in World Civilization.

THURSDAY, 10TH JANUARY.

Symposium.

3 p.m.

Opener: Dr. M. Z. Siddiqi, M.A., B.L., Ph.D. (Cantab.), Professor of Islamic Culture, Calcutta University.

Subject: Islamic Culture as a Factor in World Civilization.

General Lecture.

6 p.m.

Lecturer: Dr. W. D. West, M.A., Sc.D. (Cantab.), F.N.I., Director, Geological Survey of India, Calcutta.

Subject: Birth of the Himalayas.

FRIDAY, 11TH JANUARY.

General Lecture.

6 p.m.

Lecturer: Professor Meghnad Saha, D.Sc., F.R.S., President, Royal Asiatic Society of Bengal.

Subject: The Atom Bomb.

SATURDAY, 12TH JANUARY.

*General Lecture.**

6 p.m.

Lecturer: Sir John Sargent, Kt., C.I.E., M.A., D.Litt., Educational Adviser to the Government of India, New Delhi.

Subject: Post-War Educational Problems.

SUNDAY, 13TH JANUARY.

10 a.m.

Steamer Party on the Assam Sunderbuns S.S. *Despatch* from Calcutta down the river as far as Fulta Point.

MONDAY, 14TH JANUARY.

General Lecture.

6 p.m.

Lecturer: Dr. R. E. Mortimer Wheeler, M.C., D.Litt., Director-General of Archaeology in India.

Subject: Prehistoric Archaeology of India and Iran.

TUESDAY, 15TH JANUARY.

Foundation Day.

6 p.m.

General Meeting at which representatives from the various scientific and cultural institutions of India and abroad will convey messages from the institutions they represent.

* This lecture had to be postponed owing to unavoidable circumstances.

Inauguration of the Celebrations.

The celebrations were formally inaugurated by the Society's Patron, His Excellency Field Marshall the Rt. Hon'ble Viscount Wavell, Viceroy and Governor-General of India, on Monday, the 10th December, in the presence of the members of Council and past Presidents resident in Calcutta. H.E. garlanded the statue of Sir William Jones in the hall of the Society and wished the celebrations all success.

Social Functions.

On the 9th March, the Chairman and Council of the Burma Research Society were *At Home* to the Council in connection with the opening of the Burma Information Centre in the Society's premises, at which Col. L. Htin Si, Chairman of the Burma Research Society, gave a talk on 'Pagan—Burma's Ancient Glory'. The meeting was intended to strengthen cultural relations between the Burma Research Society and the Society.

On the 4th April, Dr. M. Ishaque was *At Home* to the members of Council to bid farewell to the Hon'ble Mr. Justice Edgley, Vice-President, on the eve of his going Home on leave for six months.

On the 12th April, the Council received Dr. D. M. Sen, Secretary, Department of Education, Health and Lands, at a social function and discussed with him matters relating to the extension of the Society's cultural activities.

On the 2nd May, the Council was *At Home* to Mr. C. W. Gurner, C.S.I., Member of Council, to bid him farewell on the eve of his departure on leave.

On the 4th July, the staff of the Society was *At Home* to the Council and a few members to mark the occasion of the conferment of the title of Rao Sahib upon the Society's Superintendent, Mr. P. O. Matthai.

On the 6th August, the Council received our Patron, H.E. the Governor of Bengal, at a social party held in his honour, on the occasion of his visit to the Society to present in person the manuscript letters of Sir Joseph Banks on 'the Foundation of the Botanical Garden at Sibpur,' which he brought from the Royal Society in London.

On the 10th December, the Patron of the Society, H.E. the Viceroy, formally inaugurated the Bicentenary Celebrations of the Birth of Sir William Jones and was gracious enough to join with the members of Council, and the former Presidents resident in Calcutta, at a Tea Party which was arranged in his honour.

Ordinary Members.

Gains and Losses.

<i>Gains.</i>		<i>Losses.</i>	
Elections carried forward	.. 8	Lapses of Elections	.. 27
New Elections	.. 301	Elections carried over..	.. 24
		Withdrawals of applications	.. 4
		Deaths	.. 5
		Resignations	.. 13
		Under Rule 38	.. 5
TOTAL	.. 309	TOTAL	.. 78

Initial total 483; net gain 231; final total 714.

Life Members.—Two died, and ten members compounded. The number at the end of the year is 68.

Deaths.

Shah Kalimur Rahman (O.M. 1930). C. S. Middlemiss (1884).
 S. W. Kemp (1910). Alfazuddin Ahmed (O.M. 1936).
 Sudhir Chandra Ray (O.M. 1945).

The Society recorded with deep regret the death of Dr. S. W. Kemp, F.R.S., one of the seniormost Ordinary Fellows, who was actively associated with the work of the Society and the Council before his retirement from Calcutta; also of Dr. C. S. Middlemiss, who was a member of the Society as early as the nineties of the last century and another of the seniormost Ordinary Fellows.

The Society and the scholarly world have become poorer owing to the death of these distinguished men of Science and Culture.

Associate Members.

The following two new Associate Members were elected during the year:—

1. Prof. Vanamali Vedantatirtha.
2. Mr. Jogendranath Gupta.

Miss M. L. C. Cleghorn was re-elected for a period of five years.

Their total number at the end of the year stands at 10; the statutory maximum is 15.

Ordinary Fellows.

At the Annual Meeting, held on the 5th February, 1945, Dr. P. C. Bagchi, M.A., Dr. es. Lettres, was elected an Ordinary Fellow.

Dr. C. S. Middlemiss (1912) and Dr. S. W. Kemp (1913) have died. Mr. Ghulam Yazdani (1933) has resigned.

At the end of the year the number stands at 43; the statutory maximum is 50.

Honorary Fellows.

During the year no Honorary Fellows were elected. The number at the end of the year stands at 14; the statutory maximum is 30.

Special Anniversary Honorary Members.

At the close of the year 10 members remain on the roll.

Institutional Members.

During the year the following two new institutions were admitted to this class of membership:—

1. New Vedic Research Society, Jaipur City.
2. All-India Radio, Government of India, Calcutta.

Membership Statistics.

		1941	1942	1943	1944	1945
Ordinary Members (paying)	..	382	375	412	483	714
Institutional Members (paying)	..	12	12	12	14	16
<hr/>						
Special Anniversary Honorary Members (Non-paying)	..	9	9	9	8	10
Honorary Fellows (Non-paying)	..	18	17	16	14	14
Associate Members	..	6	6	6	8	10

Council.

The Council met 13 times during the year, the attendance averaged 11.

Committees of Council.

The Standing Committees of the Council, namely, the Finance, Publication and Library Committees, met monthly. Special Meetings of the Finance Committee were held to consider the recommendations of the Staff Board, the recommendations of the Building Committee and the Budget estimates for 1946. The Bibliotheca Indica Committee met three times during the year.

The following Sub-Committees were appointed :—

1. A Building Committee to consider the scheme for re-building the Society's premises.
2. An Amenities Committee to consider the question of making the public rooms of the Society more comfortable and attractive, and the Library and the Reading Room more useful to the members.

As stated in the last Annual Report, the two permanent Advisory Boards—Scientific and Cultural—continued to function and a few meetings of these Boards took place during the year.

In addition, the Medal Advisory Boards, appointed by the Council, for the awards of various medals, met at the appointed times in accordance with the Regulations.

Office.

The main office continued to be at the western end of the main hall and the Librarian's room in the southern side of the hall. The members' reading room also continued to be in the central room on the south of the hall. It is hoped that better seating accommodation for the office and for housing the several departments of the Society's Library will be available when the present building scheme will be put into effect.

Staff.—At the beginning of the year, Mr. Balai Chand Bose, M.A., Assistant in the Library, resigned, and Mr. D. L. Banerjee, B.A., who has been working as Cataloguer since 1945, has been appointed in his place. Mr. Sibadas Chaudhuri was appointed as Cataloguer with effect from June; Mr. P. C. Pal, M.A., who was working temporarily to arrange old records, files and archives of the Society, was re-appointed on the same terms for another year from December. Mr. J. P. Matilal was appointed as an additional typist on a temporary basis to deal with the extra work in the clerical department of the office, as well as for the typing in connection with the Bicentenary Celebrations of the Founder of the Society, Sir William Jones, in January 1946.

Mr. Debajyoti Burman, M.A., B.L., who has been for about three years working on a part-time basis in-charge of the Publication and Sales Department of the Society, resigned with effect from the 1st of December. The Council accepted the resignation and decided to distribute the work of the Publication Department among the office staff provisionally.

During the year, the Council considered the question of the appointment of a full-time Librarian for the Society. The post was advertised in various papers, and as a result, the present incumbent, Mr. S. K. Saraswati, M.A., was offered the post on certain conditions.

The work of the Superintendent, Mr. P. O. Matthai, M.A., received recognition from the Government of India by the conferment on him of the title of 'Rao Sahib' on His Majesty's Birthday. The Council conveyed their congratulations to him.

As stated in the last Annual Report, the Staff Board, appointed by the Council in December, 1944, to consider the pay and conditions of service of the staff, held their meetings at the beginning of the year. Their recommendations, which included the grouping of the members of staff in various grades and pay, were accepted by the Council and were given effect to from 1st January, 1945.

During the year 129 meetings were held in the Society's rooms. These were cultural and administrative, consisting of Monthly General Meetings, General Lectures, Discussion, and Council Meetings, and meetings of various Boards, meetings of Fellows and Standing Committees of the Society. In addition, arrangements had to be made on various occasions for meetings in the Society's hall for outside bodies. The administrative work in connection with all these matters was considerably heavy, as it was in addition to the extra work entailed in the forthcoming Bicentenary Celebrations.

Subordinate Staff.—Certain minor changes were effected in the personnel which do not call for any comment.

It may be recorded that, on the whole, the work of the staff was satisfactory.

Correspondence.

The office had to deal with a considerable amount of correspondence owing to the expanded nature of the Society's cultural activities, and of the Bicentenary Celebrations. The number of letters received during the year was 2,654 and those issued was 3,944, an excess over last year's which were 2,117 and 2,885 respectively. In addition, 193 Council, Committee and Boards' circulars were issued. Proposals dealing with post-war reconstruction made heavy demands on the staff.

Stock Room.

Consequent on the stock-taking of the Society's publications, details of which have now been entered in the stock-book, some idea of the actual stock of books for sale is now available.

Rules and Regulations.

No changes were made in the Rules, but some minor additions were made to the Regulations regarding the Library with reference to its administration. A new edition of the Society's Rule Book was brought out during the middle of the year, after a thorough revision. The old edition was printed in 1929 and no up-to-date edition containing all the Rules and Regulations which are in force had been distributed to the members for the last sixteen years. A copy of this revised edition was distributed to all members on the roll of the Society during the year.

Representation.

Indian Museum.—The Society's representative on the Board of Trustees of the Indian Museum, under the Indian Museum Act X of 1910, continued to be Mr. K. P. Khaitan, M.A., Barrister-at-Law.

Kamala Lectureship.—The Society's nominee to serve on the Selection Committee of the Kamala Lectureship, administered by the Calcutta University, was Dr. R. C. Majumdar, for 1945.

National Institute of Sciences of India.—The Society's representatives to serve on the Council of the National Institute of Sciences of India for 1945 were Rai Sir Upendranath Brahmachari Bahadur, Kt., and Dr. Girindra Sekhar Bose, as Vice-President and Member of Council respectively.

Sarojini Bose Gold Medal.—The Society's nominee to serve on the Special Committee for the award of the medal administered by the Calcutta University, for last year, continued to be Dr. Bimala Churn Law.

Indian Historical Records Commission.—The Society's representative to serve on the Commission was Mr. Mohibbul Hasan Khan, M.A., in place of Mr. C. W. Gurner, C.S.I., resigned.

Advisory Board of Archaeology in India.—The Society's representative to serve on the Board was the Hon'ble Mr. Justice N. G. A. Edgley, I.C.S.

Deputations.

The Society received invitations to send representatives to the following :—

Deccan History Conference. Rao Bahadur K. N. Dikshit, F.R.A.S.B., was nominated to represent the Society.

Indo-Iranian Standing Committee of the Government of India. Dr. M. Ishaque was nominated to represent the Society.

Indian History Congress, 8th Session, Annamalainagar. Dr. R. C. Majumdar and Dr. Hem Chandra Ray were nominated to represent the Society.

Silver Jubilee Celebrations Committee, Royal Institute of Science, Bombay. Dr. S. P. Agharkar was nominated to represent the Society.

Awards.

Elliott Prize for Scientific Research.—The annual prize offered for the year 1945 was for research in Mathematics. Papers from only one candidate had been received in competition for the prize. The Trustees of the prize judged his papers deserving of the award and it has accordingly been given to Dr. S. K. Chakrabarti, D.Sc., of the Department of Mathematics, Calcutta University, at the last Annual Meeting.

Barclay Memorial Medal.—The biennial award of the medal for conspicuously important contributions to Medical or Biological Science with reference to India, for 1945, will be made at the Annual Meeting in 1946.

Sir William Jones Memorial Medal.—The triennial award of the medal for conspicuously important Asiatic researches with reference to Science, including medicine, will be made at the Annual Meeting in 1947.

Annandale Memorial Medal.—The triennial award of the medal for important contributions to the study of Anthropology in Asia for 1945 has been held over. The award will be made at the Annual Meeting in 1947.

Joy Gobind Law Memorial Medal.—The triennial award of the medal for important contributions to the study of Zoology in Asia was made at

the Annual Meeting in 1945 to Dr. S. L. Hora, D.Sc., Director of Fisheries, Bengal, for his conspicuously important contributions to the study of the Ichthyology of Asia.

The next award will be made at the Annual Meeting in 1948.

Paul Johannes Brühl Memorial Medal.—The triennial award of the medal for 1944 for important contributions to the study of Asiatic Botany was made at the Annual Meeting in 1945 to Dr. N. L. Bor, D.Sc., formerly Forest Botanist, Imperial Forest Research Institute, Dehra Dun, for his most meritorious piece of original research in the *gramineae* and Ecology of Indian Plants.

The next award will be made at the Annual Meeting in 1948.

Indian Science Congress, Calcutta Prize.—The next award of the medal will be made when the next session of the Congress will be held in Calcutta.

Pramatha Nath Bose Memorial Medal.—The triennial award of the medal for conspicuously important contributions to practical and theoretical Geology with special reference to India will be made at the Annual Meeting in 1947.

Dr. Bimala Churn Law Gold Medal.—The yearly award of the medal for important contributions to any one of the following subjects: History, Geography, Philosophy, Religion, Ethnology, Folk-lore, Fine Arts and Architecture, with special reference to India, from the earliest times down to the 13th century A.D., and to Bengali Language, Literature and Philology—was made at the Annual Meeting in 1945 to Dr. D. R. Bhandarkar, M.A., Ph.D., formerly Carmichael Professor of Ancient Indian History and Culture, Calcutta University, for his conspicuously important contributions to Ancient Indian History and Archaeology.

The next award will be made at the Annual Meeting in 1946.

Sarat Chandra Roy Memorial Medal.—The first and initial award of the medal—to a person who is considered to have written the most outstanding book or monograph on any aspect of the Cultural Anthropology of India in the English language, failing that in Bengali—was made at the Annual Meeting in 1945 to Dr. Verrier Elwin, D.Sc., F.N.I., of Bhumijan Seva Mandal, Patangarh, C.P., for his meritorious and many-sided contributions to the study of Cultural Anthropology of India.

Announcement concerning the next award will be made at the Annual Meeting in 1946.

Library.

The year may also be described as one of steady progress in the Library.

Cataloguing.—In the general section cataloguing work was continued. The progress, however, was hampered to a certain extent by several changes in the cataloguing staff and also on account of additional pressure of work consequent on the return of rare and valuable possessions of the Library from Benares. The Cataloguer resigned with effect from January, 1945, and the person who was appointed in his place had also to be transferred, after two months, as an assistant in the General Section on the resignation of the permanent incumbent. In spite of these handicaps approximately 3,000 volumes were catalogued during the year.

In the Sanskrit section, the summary catalogue of the Indian Museum collection, comprising a total of more than 11,000 manuscripts, is now complete with introduction and index, and will shortly be sent to the press. A summary catalogue of the Society's own collection of manuscripts, on

the above lines, is now in progress and is expected to be completed within this year. A full descriptive catalogue of the Rajasthani manuscripts will also be taken up during the year, thanks to the munificence of Mr. G. D. Birla, a Life Member. In collaboration with the Burma Research Society a catalogue of the Burmese manuscripts is now in hand and is expected to be completed shortly.

In the Islamic section, work was begun on the summary catalogue of undescribed manuscripts, according to the scheme sanctioned, and approximately 300 works were catalogued during 1945.

In the Sino-Tibetan section, the cataloguing of the Bstangyur collection of xylographs was completed. A bilingual index of the different works in the collection is now in progress.

The rare and valuable possessions of the Library, sent outside, were brought back during the year. The entire lot consisted of 191 large packing cases. They were unpacked, and their contents verified. They are now being arranged in their proper sequence. In the General Section, the original places of these volumes had been disturbed, firstly owing to the crowding of the entire stock of the Library in the rooms downstairs after the bombing of December, 1942, and secondly, on account of re-arrangements consequent on the cataloguing operations and measures adopted for safeguarding the Library. The books returned require accommodation to the extent of a linear space of 750 to 1,000 feet involving re-arrangement of the major portion of the contents of the Library. This work is now in hand.

The scheme for repair and preservation of the manuscripts and books is partially in operation, the full working being not possible on account of the scarcity of the essential chemicals and other materials. Two fumigation chambers are now being worked and 7,341 books and manuscripts were sterilized during the year.

Altogether 1,230 books and 12 manuscripts were bound during the year against 940 in 1944. A large number of old and valuable books, including those returned from Benares, urgently require binding and necessitate an increased grant for this purpose.

Accessions.—The total number of accessions to the Library in all its sections was 768 against 758 of 1944. Of these 480 were purchased, the remaining being received as presentations under different categories.

Dr. B. C. Law Collection.—The nucleus of a new collection of books on Indian history, culture and civilization had been started during the year, thanks to the munificence of Dr. B. C. Law, who made a donation of Rs.6,000, with a promise of further sums of money, for the purpose. Altogether 287 volumes, some of them very rare, were procured for the collection during the year involving a cost of Rs.3,222-2-9. On account of difficulties of procuring standard and specialized publications during war time the progress of the collection was not such as could be desired. It is expected that, with the return of normal times and relaxation of procedures governing the import of books from foreign countries, it will be possible to build up, under the generous patronage of the illustrious donor, one of the finest collections of books on Indological subjects.

In the *General Section*, the number of accessions totalled 414 against 469 in 1944. In the Sanskrit section 55 volumes were added during the year against 241 in 1944. The drop in each case was due to the fact that in 1944 a large percentage of the accessions comprised previous publications received in terms of exchange from the Calcutta University

and the Vangiya Sahitya Parishat. In the Islamic section, the total number of accessions was 12 against 48 in 1944. Among the accessions in the Sanskrit and Islamic sections 8 were manuscripts.

Exchanges.—Five new periodicals have been added to the Library by exchange, namely, (1) Reports and Memoirs of the Archaeological Department, Baroda, (2) Journal of the Travancore University Oriental MSS. Library, (3) Bulletin of the Museum of Fine Arts, Boston, with retrospective effect from 1933, (4) 'Sumer'—a Journal of Archaeology in Iraq, and (5) Bulletin of the Baroda Museum and Picture Gallery. Besides, exchange relations have been established during the year with (1) the Library of Congress, Washington, (2) M. Gorki Scientific Library, Moscow University, and (3) the Kannada Research Institute, Dharwar. The number of accessions to the Library under this head was 121 only.

Reviews.—Thirty-one volumes were added to the Library during the year as presentations under this head against 14 in 1944. As a result of strenuous efforts most of the reviews in arrears had been published during the year, a fact that may be responsible for an increase of accessions in this connection.

Bulletins.—The system of issuing classified bulletins for accessions to the Library was continued. For greater and better use it is desirable that they should be printed and circulated to members to keep them informed as to the current additions to the Library.

Loans.—Increased facilities led to a better utilization of the Library in its different sections. In the General Section 959 volumes were lent out during the year against 899 in 1944. Issues of books for use within the premises totalled 2,794 against 1,262 in 1944. The small reading room improvised for this purpose, and extended hours were no doubt responsible for the distinct improvement in this direction and indicate prospects of still greater use of the Library for advanced studies should a more commodious and comfortable reading room be available.

In the Sanskrit section, the number of books lent out was 143 against 141 in 1944. Manuscripts lent out numbered 16 against 15 in the last year. Books and manuscripts used within the rooms of the Society totalled 567 and 407 respectively as against 348 and 152 in 1944.

In the Islamic section, 41 volumes were lent out, the number being practically the same as in 1944. The number of manuscripts lent out was 12 against 2 in the previous year. Books and manuscripts used within the Society numbered 140 and 109 respectively as against 94 and 24 in the last year.

Exhibitions.—Three exhibitions, illustrative of the rich resources of the Library for purposes of advanced studies and research, were organized during the year, one in connection with the Annual General Meeting, 1945, and the other two on the occasions of the visits of His Excellency the Governor of Bengal (6-8-45) and of His Excellency the Viceroy (10-12-45). Each exhibition, accompanied by notes explaining the different exhibits, was successful in stimulating interest and enquiry into the activities and resources of the Society as a centre of Indological research.

Permanent Library Endowment Fund.—The total amount now to the credit of this fund is Rs.19,182-7-8.

It will appear from the above that in spite of several handicaps, and heavy and additional pressure of work consequent on the return of a large

number of valuable books from outside the plan of re-organization is being steadily carried out. A marked improvement is noticeable in the working of the Library in all its aspects. The scheme now comprehends all the sections of the Library and is being earnestly pursued. It is only when the scheme is carried to a satisfactory conclusion, that the rich and varied resources of the Library are expected to be available to scholars for study and research.

Finance.

Appendix II contains the statements showing the accounts for 1945. No change has been made in the form of their presentation.

During the year Rs.8,356 were received as admission fees and Rs.5,256 as compounding fees.

The Government of Bengal maintained the 20% cut in some of the grants made by them to the Society.

The Government of India maintained the 50% cut in the grant for the Arabic and Persian MSS. Fund (Statement No. 5).

The Government securities, shown in Statement No. 25, are held in safe custody by the Imperial Bank of India, Park Street Branch. During the year there was an appreciation of the securities, thus increasing the book assets of the Society.

The budget estimates for probable receipts and expenditure under various heads, for the year 1946, are given below :—

BUDGET ESTIMATE FOR 1946.

Ordinary Receipts.

	Budget estimate for 1945.	Actuals for 1945.	Budget estimate for 1946.
	Rs.	Rs.	Rs.
Interest on Investments and Deposits ..	{ 10,280 450	10,280 450	10,280 450
Advertising	10,200	10,200	10,200
Rent	10,800	10,800	10,800
Miscellaneous	500	650	770
Members' Subscriptions	9,000	15,100	15,000
Proportionate Share for General Expenditure :			
(1) Oriental Publication Fund ..	1,560	1,560	2,000
(2) Sanskrit Manuscripts Fund ..	1,210	1,210	1,500
(3) Publication Fund	3,000	3,000	3,000
TOTAL ..	47,000	53,250	54,000

Extraordinary Receipts.

By Fees—	Rs.	Rs.	Rs.
Admission Fees	1,280	8,096	2,560
Compounding Fees .. ..	....	5,256	....
TOTAL ..	1,280	13,352	2,560

Ordinary Expenditure.

	Budget estimate for 1945.	Actuals for 1945.	Budget estimate for 1946.
	Rs.	Rs.	Rs.
Salaries and Allowances	25,920	26,330	28,000
Commission	300	350	370
Stationery	900	630	700
Fan, Light and Telephone	900	1,150	1,000
Taxes	2,575	2,575	2,575
Postage	1,000	1,420	1,200
Contingencies	1,000	2,030*	1,000
Petty Repairs	50	45	50
Insurance	855	853	855
Menials' Clothing	300	495	50
Furniture	50	30	50
Building Repairs	1,000	1,000	1,000
Provident Fund Share	600	665	700
Audit Fees	250	250	250
Books, Library	2,000	2,232	2,500
Binding, Library	1,500	1,692	1,500
Printing, Circulars	800	2,550†	800
Dearness Allowance	4,800	7,400	7,400
Cataloguing (Library)	1,200	1,144	1,200
TOTAL ..	46,000	52,841	51,200

* Excess Expenditure due to transit charges for boxes containing Society's books; and charges for social functions.

† Excess Expenditure due to printing pamphlets on Post-War Reconstruction; Bicenatary Celebrations and Rules and Regulations of the Society.

Extraordinary Expenditure.

	Rs.	Rs.	Rs.
To Permanent Reserve—			
By Admission Fees	1,280	8,096	2,560
Compounding Fees .. ..	....	5,256	....
TOTAL ..	1,280	13,352	2,560

Publications.

Unprecedented difficulty in respect of printing has been experienced throughout the last year due to War conditions and paper scarcity. Only three parts of the *Journal* could be published and the fourth is in the press. The volume for the year is composed of four numbers (2 *Letters*, 1 *Science* and 1 *Year-Book*).

Bibliotheca Indica.

(1) *Thupavamsa*, English translation by Dr. B. C. Law, has been published. The cost of printing the book has been borne by the author.

(2) Index of *Amal-i-Salih*.—Complete MS. has been received from Mr. Yazdani and almost the whole book has been set up in types. About three-fourths have been printed.

(3) *Ain-i-Akbari*, Vol. II, English Translation by Sir Jadunath Sarkar.—The complete MS. has been received and sent to the press.

(4) *Saddharma Pundarika*, edited by N. Minayeff and revised and edited by Dr. N. Dutt.—Complete MS. has been sent to the press and printing has begun.

Descriptive Catalogue of Manuscripts.

I. (i) *Descriptive Catalogue of Sanskrit Manuscripts*, Vol. X.—Astronomy and Astrology, prepared by MM. H. P. Shastri and revised and edited by Prof. P. C. Sen Gupta.—Part I has been published and most of the remainder has been set up in type which will be published as Part II.

(ii) *Descriptive Catalogue of Sanskrit Manuscripts*, Vol. XI.—Philosophy, prepared by MM. H. P. Shastri and revised and edited by Prof. N. C. Vedantatirtha. Pages 1-112 have been printed.

II. (i) *Descriptive Catalogue of Arabic MSS.*, Vol. II.—Prepared by Shamsul Ulema M. Hidayet Hosain.—The whole manuscript left by him has been revised and edited by Prof. M. M. Haq. Pages 81-144 have been printed.

(ii) *Descriptive Catalogue of Persian MSS.*—Third supplement is being prepared.

Books under preparation.

(i) *Bharata's Nāṭyaśāstra*. Editor and translator, Dr. Mano Mohan Ghosh.

(ii) *Kīranavali*. Editor, Prof. N. C. Vedantatirtha.

Introducing India.

This book consists of selected papers read at the Society's Discussion Meetings. Pages 1-80 have been printed.

Monograph Series.

The Society has decided to publish a Monograph Series and the following works have been sent to the press:—

1. Upper Atmosphere, by Dr. S. K. Mitra.—About half the work has been set up in type.
2. Kols of Central India, by Dr. W. G. Griffiths.—About three-fourths have been printed off.
3. *Aśvaghōṣa*, by Dr. B. C. Law.—Sent to press.
4. *Humayun in Persia*, by Prof. Sukumar Ray.—The whole book has been set up in type.
5. *The Bhalesi Dialect*, by Dr. Siddheswar Varma.—Sent to press.

The printing expenses of item No. 2 are being met from a grant from the Rockefeller Foundation, received through the National Institute of Sciences of India.

Sales.

Steady sales of the Society's publications have been maintained. All concessions granted to the public and the booksellers have been withdrawn soon after a demand for our decaying stock had been created through advertisements and other methods of making contact with cultural and educational institutions in India.

Sales for the year 1945 have been about Rs.10,000.

5th April	..	Mr. P. C. Mitra: The prehistoric Man from a Study including Literature of India and the neighbouring Countries.
12th ..	..	Rai Bahadur B. B. Mukherjee: Indian Caste System.
19th ..	..	Mr. A. N. Basu: Basic Education.
26th ..	..	Mr. B. K. Chatterjee: The Place of Upanishads in Hindu Religion.
3rd May	..	Mr. B. K. Chatterjee: Caste and Hinduism.
10th ..	..	Dr. Miss B. J. Stewart: Glimpses of Burma and Burmese History.
17th ..	..	Dr. Kalidas Nag: Some Fore-runners of Oriental Research.
24th ..	..	Rai Bahadur B. B. Mukherjee: The Sunderbuns and its Problems.
31st ..	..	Dr. Bani Chatterjee: Music and Diversional Therapy (with demonstration).
7th June	..	Dr. Bani Chatterjee: Music and Tagore (with demonstration).
14th ..	..	Dr. J. K. Wadia: Some Thoughts on Zoroastrian Religion.
21st ..	..	Rai Bahadur B. B. Mukherjee: Agriculture in Bengal, —its zonal problems.
28th ..	..	Mr. J. C. De: Indian Sailors of the 17th century.
5th July	..	Mr. John Gawsworth: The future of Indo-Anglian Poetry.
12th ..	..	Sir Douglas Gordon: Scientific Investigation of Crime in India.
19th ..	..	Mons. Olivier Lacombe: God and Humanity.
26th ..	..	Mr. W. S. Desai: Burma and its Peoples.
2nd August	..	Mr. Robert E. Levine: Indian-American Trade.
9th ..	..	Mr. D. K. Sanyal: Post-War Employment Problem.
23rd ..	..	Mr. David E. Bollinger: American sound film, depicting life, industry and education trends in the U.S.A.
6th September	..	Mr. Sib Kumar Basu: My Experiences as a Dairy Expert in Denmark.
13th ..	..	Mr. A. F. Stark: Art and the Citizen.
1st November	..	Mr. N. M. Khan: Post-War Development of Agriculture in Bengal.
8th ..	..	Rai Bahadur B. B. Mukherjee: The Santals in Bengal and their Problems in Post-War Reconstruction.
22nd ..	..	Dr. W. A. Jenkins: Organisation in Government as a Post-War Requirement.
29th ..	..	Dr. S. L. Hora: Marriage of Agriculture and Nutrition, —a Post-War Requirement.
6th December	..	Mr. James Buchanan: Youth Welfare.
13th ..	..	Capt. W. R. Burgess: Possibilities of Fishing in the Bay of Bengal.
20th ..	..	Miss P. Bankart: Some Aspects of Relief and Rehabilitation in Bengal.

It may be mentioned in this connection that some of the lectures delivered at the Discussion Meetings are being published in book-form, with illustrations, and entitled *Introducing India*. The printing of this special book has progressed, and it is hoped to issue it during the course of the year. As stated in the last Report, the entire printing cost of this publication is being met by a donation made to the Society by Dr. Bimala Churn Law.

(g) PROPOSALS MADE BY THE SOCIETY FOR POST-WAR RECONSTRUCTION IN INDIA.

In last year's report reference was made to several important projects relating to Cultural Reconstruction in India, which were forwarded by the Council to the Governments of India and Bengal in 1944. During the year under review further proposals were submitted to the Government of

India in connection with the following matters: (1) Detailed proposals as regards the staff required for a National Museum of Archaeology, Anthropology, History and Art and the financial implications of the scheme; (2) A proposal for the establishment of a National Academy of Art and Letters; (3) The establishment of National Parks; (4) A proposal for a Survey of Art Treasures throughout India and the Institution of a Diploma in Fine Art by Indian Universities; (5) The establishment of a self-contained Department of Anthropology in India; (6) Certain proposals relating to the constitution and functions of the newly constituted Indo-Iranian Standing Committee; (7) The development of existing cultural relations between India and the United Kingdom; and (8) The construction of a new building for the Society.

As stated in the Annual Report of last year the special volume, entitled *Science and Post-War Development in India*, as recommended by the Scientific Advisory Board, is in course of preparation and it is hoped to issue it also in near future.

(h) ESTABLISHMENT OF CULTURAL RELATION BETWEEN INDIA AND THE UNITED KINGDOM.

In March 1945 the Hon'ble Mr. Justice Edgley, Mr. C. W. Gurner, Dr. W. D. West, Mr. A. P. Benthall and Mr. L. K. Elmhirst were appointed by the Council to act as the Society's representatives in order to conduct certain negotiations in England with a view to the development of cultural relations between India and the United Kingdom, particularly in relation to such branches of learning as literature, history and the arts. They received considerable assistance in their mission from many eminent people in England, including the Marquess of Zetland, Sir John Anderson, Sir Henry Dale, Professor A. V. Hill, Sir John Clapham and Sir Leonard Woolley. On the 24th July, 1945, a meeting was held in London under the auspices of the Royal Society in connection with this project. It was attended by representatives of some of the most important branches of British learning and by this Society's delegates. There was no doubt that all present were seriously interested in preserving the closest possible cultural link with India and it was resolved that 'The President of the Royal Society and the British Academy be requested to set up a permanent Joint Committee on Cultural Relations with India consisting of representatives nominated by appropriate learned societies and other interested bodies with power to co-opt.' This Committee has now been duly constituted under the Chairmanship of Sir David Ross, Provost of Oriel College, Oxford, and it is understood that their first meeting will be held on the 6th February, 1946, when it is likely that they will consider the best method to be adopted to develop cultural relations between India and the United Kingdom as far as possible on the basis of reciprocal exchange.

In the meantime the Society's representatives had submitted a report to the Council, which contained *inter alia* a recommendation to the effect that the Royal Asiatic Society of Bengal should take the initiative in constituting a Committee on Cultural Relations in India, which would represent Indian learning as a whole and which would ordinarily deal directly with the corresponding English Committee relating to matters connected with cultural exchange between the two countries. The report of the Society's representatives was adopted and the recommendations contained therein were unanimously accepted at a meeting of the Council which was held on the 27th November, 1945.

Steps are now being taken in consultation with the Government of India for the establishment of an Indian Joint Committee on Cultural Relations. At the first meeting of this Committee, if and when formed, there will probably be a general discussion with regard to the best method to be followed in order to co-operate effectively with the newly constituted English Committee and such matters as the following will also be considered: (1) The exchange of eminent scholars between India and the United Kingdom; (2) The extension of facilities in British and Indian Universities for the study of subjects relating particularly to such matters as British and Indian literature, history and art; (3) The exchange of literature relating to these subjects; (4) The provision of the requisite facilities for research scholars in England and India particularly with a view to enabling them to make suitable contacts in the countries which they intend to visit; and (5) The encouragement of scholars to undertake special courses of study in such cultural institutions as Museums and Art Galleries for the purpose of applying the results of their investigations to the improvement of the organization of the National Collections in their own countries.

(i) BURMA INFORMATION CENTRE.

The Society received a request from the Public Relations Department, Government of Burma, Simla, to allow the Burma Government to open an Information Centre in the Society's premises. The Council allowed the Burma Government to use an office opened at the eastern end of the hall with effect from last March, which was maintained by an officer of the Government of Burma, with his own establishment. Lady Dorman Smith visited their centre in last March and expressed appreciation of the services rendered to the Burma Government by the Society in this connection. This centre has been a meeting place for cultural contact between India and Burma.

Society's Premises and Property.

The Society's building was repaired and whitewashed towards the end of the year. For many years, there has not been regular water supply in the premises, especially in the members' retiring room on the ground floor. During the year, an additional installation of water pipes has been made; as a result, the defect in the water supply has been remedied. The baffle walls erected as an A.R.P. measure were demolished.

In 1941 and 1942, such valuable possessions as busts, paintings, rare books, manuscripts were evacuated to places of safety as a precaution against damage by Air Raids. These were brought back during the year and the busts were installed at the proper places and the paintings were hung on the walls. There are 10 valuable paintings remaining still to be brought from the Government House in Darjeeling. The Council have arranged to have those also returned at the earliest opportunity.

Proposal for the erection of a new building for the Society.

It has long been felt that the accommodation available in this building was insufficient. The question of erecting a new building on the existing site has come up for consideration from time to time (*vide* Annual Reports for the years 1902, 1903, 1911, 1914, 1920, 1921, 1922, 1924 and 1931). A design for a new building was prepared in 1920 and a copy of it appears in the *Journal and Proceedings* of the Society, Vol. XXVIII, 1932, No. 2, opposite page xxii. The desirability of having a new building was

emphasized, but the proposal could not be carried into effect for various reasons, the chief of which was the difficulty of making the necessary financial arrangements and also the difficulty of providing accommodation for the library during the time that would be required for the new building to be completed. In 1923-24, the existing premises were extensively repaired and somewhat enlarged, and it was considered that 'the building is now guaranteed to be in first class order, able to last, with proper upkeep, for at least another generation, if not longer'. In the Annual Address of the President for 1931-32, dated the 1st February, 1932, the following remark appears:—

'Our building is one of the oldest buildings in Calcutta. In recent years, a proposal was made to demolish this old building and construct a new one in its place at a cost of several lacs of rupees The whole scheme was subsequently dropped after prolonged discussion on account of financial difficulties and risk. The design of this proposed new building is shown in the accompanying diagram. It is possible that, at some future date, when this Society's house is reconstructed, as it must be done one day, this plan may prove useful to a future architect.'

Both the building and plan above referred to seem now to be out of date and a new building on a more modern plan can alone fully meet the varied requirements of the Society and enable it to fulfil the great objects for which it exists.

The need for a new building.—The building as it now stands cannot continue long without periodical extensive repairs. While it exists, it is more and more realized to be insufficient and ill-suited for the purpose of the Society as understood today. The Society has to house 80,000 books and 40,000 manuscripts approximately, in various languages collected from all parts of India and the neighbouring countries, like Tibet, Nepal, Burma and China, and our collection is believed to be the richest in Sanskrit, Prakrit, Pali, Arabic, Persian and other oriental languages. It possesses also a valuable collection of standard scientific periodicals from all over the world, which are eagerly consulted by scientists, scholars and research workers in Calcutta. The total number of books and periodicals will be approximately 100,000. The Society's own publications from as early as 1788 to date number several hundred works, the total valuation being about 10 lakhs of rupees. Besides, we have rare pictures, statues, coins and other valuable possessions which have been bequeathed to us by our former members and patrons, which it is our duty to preserve and exhibit to their best advantage. Unfortunately, most of the rooms are damp and dark, and the books and manuscripts in the library are damaged by the ravages of white ants, cockroaches, rats and other pests. It cannot be expected that the present building will prove serviceable even with the most extensive modifications. The rooms of the existing building and the manner in which the manuscripts and other precious books are stored has been condemned in no uncertain terms by Mr. Sanaullah, Archaeological Chemist in India. In addition, there is great wastage of space and deficiency in the arrangements for the safety and security of books, etc., which is due to the inadequate planning of the present building.

The site is one of the finest in Calcutta and, if properly utilized, will not only satisfy all our demands for accommodation, but will enable us also to house many of the scientific and learned Societies in Calcutta which make persistent demands on us, e.g., the National Institute of Sciences of India, the Geological, Mining and Metallurgical Institute of India, the

Calcutta Art Society, and other scientific and cultural institutions. The Royal Asiatic Society of Bengal, as the parent of most of the learned and scientific societies in India, has a duty towards all other Societies in this respect.

The Council hope that the new building should serve the purpose of a 'Burlington House' for Calcutta. At their request tentative plans for a new building have been made by Messrs. Ballardie, Thompson and Matthews, a copy of which is printed at the end. The building, as planned now, will accommodate the stores and stocks on the ground floor and the general offices on the first floor will have a total area of 9,973 sq. ft. Provision has been made for a Lecture Theatre of 2,100 sq. ft. area. This will contain a gallery and balconies and is expected to accommodate an audience of 600. The plan also is to provide a Lecture Theatre with all modern equipments, such as, a Loud-speaker, Epidiascope and Magic Lantern, so that all scientific and literary lectures may be properly arranged. The second floor will accommodate the library, including the Islamic and Sanskrit MSS., which will be kept in air-conditioned rooms, and separate chambers will be provided for micro-filming and photographing. On the same floor there have also been provided rooms for scholars engaged in research.

The third floor, as at present designed, consists mainly of residential quarters. Lounge and Club rooms and Guest rooms have also been provided on this floor. A number of rooms have been set apart for learned Societies. The architects have also been instructed to design a number of underground chambers where some of our valuable possessions may be stored for purposes of safety.

It is hoped that donations will be forthcoming for the realization of our long contemplated plan for a new house for the Society as befitting to the splendour and dignity of the second city of the British Empire.

Grants for Research.

During the year, the Society received intimation from the Government of Bengal of the sanction of a grant of Rs.50,000 to be paid in five annual instalments of Rs.10,000 for publication of works hitherto unpublished relating to the history of Bengal-Bihar as a result of the Society's representation to the Patron, H.E. the Governor of Bengal. This grant will be utilized solely for the publication of series of Source Books on the history of Bengal, under the editorship of Sir Jadunath Sarkar, Kt., the veteran historian, and an Honorary Fellow of this Society. At the suggestion of the Editor, the Council appointed Prof. N. B. Roy, M.A., on salary basis to assist him in connection with the collection and preparation of the materials and printing of the book. Prof. Roy took up the work from January 1946.

The Society also received another communication from the Government of Bengal, intimating the sanction of a grant of Rs.7,200 annually for two years in the first instance for the creation of four Research Fellowships to be awarded by the Society. The Council decided to have these Fellowships named after Sir William Jones (Sanskritic Studies), James Prinsep (Epigraphy and Numismatics) and Rajendralala Mitra (Buddhist Studies). The remaining Fellowship will be named after a benefactor of the Society for Islamic Studies. Advertisements have been inserted in important papers in India inviting applications for Fellowships. A Committee has also been appointed to draft rules relating to the award of these Fellowships.

The Council of the Society are grateful to the Bengal Government for the sanction of these grants and especially to H.E. Mr. R. G. Casey, who has been instrumental in obtaining these grants to the Society. The work that will be done by the scholars and the publications, embodying the results of the researches, will be a fitting monument to his vision and wisdom for the encouragement and diffusion of culture in India.

General.

Routine work in respect of the local distribution of the Society's publications, circulars, forms, etc., and the keeping up to date of the addresses of members was carried out as usual. The posting of publications to countries affected by the war is being taken up and will be brought up to date.

Printers.

Under the capable superintendence of Mr. G. E. Bingham, the Baptist Mission Press continued to act as chief printers and gave, as usual, complete satisfaction. Mention also may be made of the help rendered by the Directors of the Calcutta Oriental Press, the General Printers Ltd., and the Inland Printing Works, in doing minor printing work for the Society.

Agencies.

The Society's European, American and Indian Agents remain the same. An extension of the list to other Asiatic countries would be necessary for the disposal of the publications.

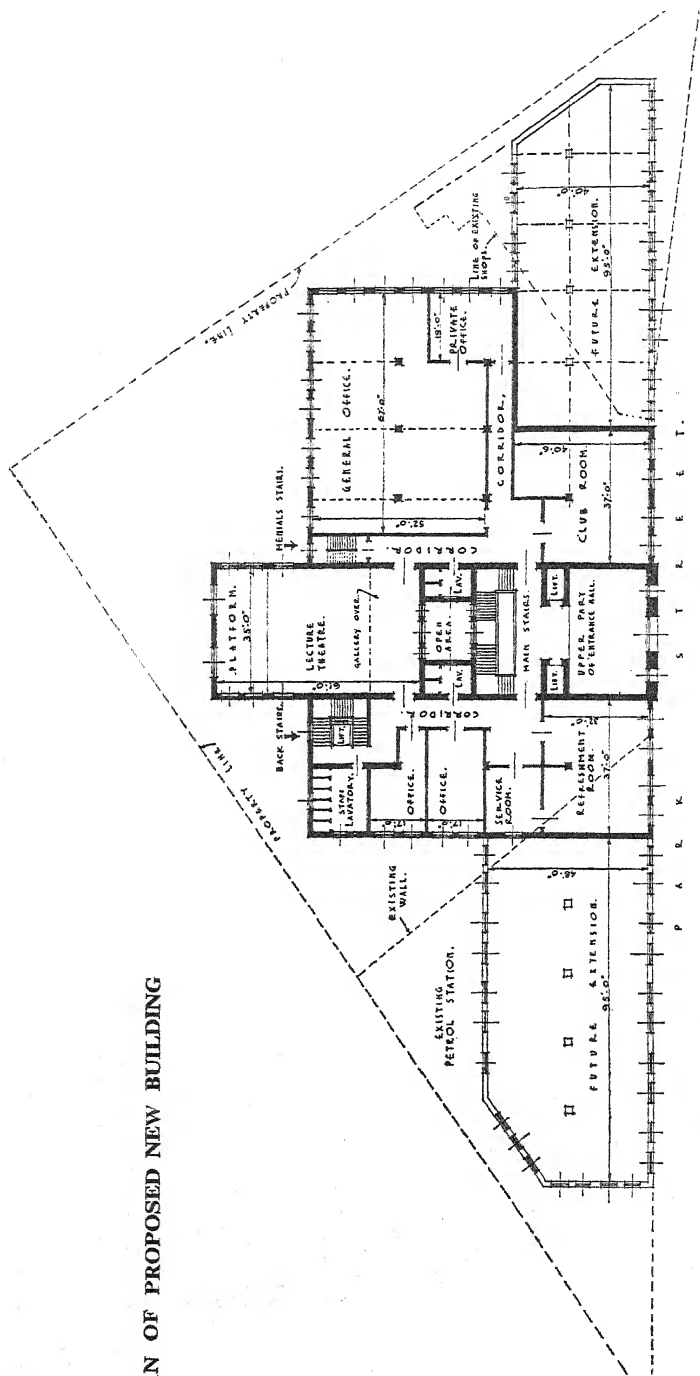
Solicitors.

The Society is under an obligation to its Solicitors, Messrs. B. N. Basu & Co., for their courtesy and valuable services on all occasions.

Conclusion.

The year 1945-1946 will stand as the great Divide amidst the multifarious cultural activities of the Society. The gloomy War clouds were not yet lifted, but all the same we decided in January to prepare ourselves for celebrating in a worthy manner the Bicentenary of the birth of our illustrious Founder. The collapse of Germany in May and of Japan in August brought the devastating War to an end, but normal contacts and communications with our friends and associates abroad could not be restored immediately. However, believing as we do in the cause of intellectual co-operation on a world-wide basis, we sent invitations to representative men and institutions in the domain of Science and Letters. Although they were in many cases unable to send personal representatives in these days of storm and stress, they strengthened our faith in human solidarity and good-will by sending most sincere and touching messages of felicitation, which will adorn the pages of the Commemoration Volume that we propose to consecrate to the immortal memory of Sir William Jones. With the dawn of Peace we have added substantially to the list of our members, and with the co-operation of Government we have been able to establish four Research Fellowships in connection with some of the major branches of learning. We hope that the example thus set by the Government of Bengal will be followed by others, and that the Society will have the satisfaction of presenting its priceless cultural heritage to the public by a series of useful publications.

AN OF PROPOSED NEW BUILDING



FIRST FLOOR PLAN:



BALABIE, THOMPSON & MATTHEWS,
CHARTERS, SURVEYORS,
& ARCHITECTS,
20, WATKINS PLACE, CALCUTTA.

Abstract Statement
of
Receipts and Disbursements
of the
Royal Asiatic Society of Bengal
for
the Year 1945

STATEMENT NO. 1.

General

Income and Expenditure Account

	Rs.	As.	P.	Rs.	As.	P.
To ESTABLISHMENT:						
Salaries and Allowances ..	26,274	10	6			
Commission ..	347	15	0			
War Allowances ..	7,375	7	0			
				33,998	0	6
GENERAL EXPENDITURE:						
Interest on Security Deposit ..	10	0	0			
Stationery ..	736	15	3			
Fans and Light ..	697	8	0			
Telephone ..	457	12	0			
Taxes ..	2,574	13	0			
Postage ..	1,447	14	6			
Contingencies ..	2,136	10	6			
Printing Circulars, etc. ..	2,520	11	9			
Audit Fee ..	250	0	0			
Petty Repairs ..	45	0	0			
Insurance ..	853	2	0			
Menials' Clothing ..	495	8	6			
Furniture and Repairs ..	818	9	6			
				13,044	9	0
LIBRARY AND COLLECTIONS:						
Cataloguing ..	1,143	9	0			
Books ..	2,470	1	3			
Binding ..	1,715	11	3			
				5,329	5	6
Provident Fund Contribution for 1945 ..	....			665	2	0
				53,037	1	0
Transfer to Building Repair Fund Account ..	....			1,000	0	0
SUNDRY ADJUSTMENT:						
Bad Debts written-off ..	....			1,145	4	0
BALANCE AS PER BALANCE SHEET ..	....			3,32,150	13	1
				3,87,333	2	1

Fund.

1945.

for the year ended 31st December, 1945.

[illegible]

STATEMENT NO. 2.

Oriental Publication

From a monthly grant made by the Government of Bengal, for the publication (Rs.500, Less 20% from the 1st April, 1932), and for the

	Rs.	As.	P.	Rs.	As.	P.
To Printing .. .. .	....			1,703	6	0
Cataloguing .. .. .	....			1,450	10	0
Balance as per Balance Sheet—						
Rs.5,000, 3% War Loan, 1951-54 ..	5,078	2	0			
Rs.5,000, 3% Victory Loan, 1957 ..	5,025	0	0			
Surplus at date	22,455	0	10			
				32,558	2	10
				35,712	2	10

STATEMENT NO. 3.

Oriental Publication

From an annual grant made by the Government of Bengal of
Historical
(Less 20% from the

	Rs.	As.	P.
To Balance from last Account	6,292	12	7
Printing	585	10	0
	6,878	6	7

STATEMENT NO. 4.

Sanskrit Manuscripts Fund

From an annual grant of Rs.3,200 made by the Government of Bengal by the Society; and Rs.3,600 from the same Government

	Rs.	As.	P.	Rs.	As.	P.
To Purchase of MSS. .. .. .	....			100	0	0
Contingencies and Freight .. .. .	....			3,767	9	0
Cataloguing .. .. .	....			1,356	2	0
Binding .. .. .	....			151	7	0
Repairs to MSS. .. .. .	....			849	4	0
Printing .. .. .	....			1,668	9	6
Editing .. .. .	....			120	0	0
Balance as per Balance Sheet—						
Rs.5,000, 3% Victory Loan, 1957 ..	5,025	0	0			
Surplus at date	17,470	6	1			
				22,495	6	1
				30,508	5	7

Fund No. 1, in Account with R.A.S.B.**1945.**

cation of Oriental Works and Works of Instruction in Eastern Languages
publication of Sanskrit Works hitherto unpublished, Rs.250.

						Rs.	As.	P.
By Balance from last Account	..	..	..	..	..	28,863	0	10
Annual Grant	..	..	..	..	..	6,500	0	0
Interest realized during the year	..	..	..	..	..	299	2	0
Appreciation on investments revalued on 31st December, 1945	..	..	..	..	..	50	0	0
						35,712	2	10

Fund No. 2, in Account with R.A.S.B.**1945.**

Rs.3,000 for the publication of Arabic and Persian Works of
Interest.

1st of April, 1932.)

						Rs.	As.	P.
By Annual Grant	..	..	..	..	..	2,400	0	0
Balance as per Balance Sheet	..	..	..	..	..	4,478	6	7
						6,878	6	7

Account, in Account with R.A.S.B.**1945.**

for the publication of the Catalogue of Sanskrit Manuscripts acquired
(Less 20% from the 1st of April, 1932)
for Research Work.

						Rs.	As.	P.
By Balance from last Account	..	..	..	..	..	21,364	5	7
Annual Grant	..	..	..	..	..	8,960	0	0
Interest realized during the year	..	..	..	..	..	149	10	0
Appreciation on investments revalued on 31st December, 1945	..	..	..	..	..	34	6	0
						30,508	5	7

STATEMENT NO. 8.

Annandale Memorial Fund

From donations by subscription,

	Rs.	As.	P.	Rs.	As.	P.
To Balance as per Balance Sheet—						
Rs. 4,000, 3½% G.P. Notes, 1854-55	4,140	0	0			
Surplus at date	973	6	9			
				5,113	6	9
				5,113	6	9

STATEMENT NO. 9.

Permanent Library Endowment

From gifts received,

	Rs.	As.	P.	Rs.	As.	P.
To Balance as per Balance Sheet—						
Rs. 14,000, 3½% G.P. Notes, 1854-55	14,490	0	0			
Surplus at date	5,182	7	8			
				19,672	7	8
				19,672	7	8

STATEMENT NO. 10.

Sir William Jones Memorial

From a sum gifted for the purpose in

	Rs.	As.	P.	Rs.	As.	P.
To Balance as per Balance Sheet—						
Rs. 3,000, 3½% G.P. Notes, 1854-55	3,105	0	0			
Surplus at date	288	2	0			
				3,393	2	0
				3,393	2	0

STATEMENT NO. 11.

Pramathanath Bose Memorial

From a sum gifted for

	Rs.	As.	P.	Rs.	As.	P.
To Balance as per Balance Sheet—						
Rs. 800, 3½% G.P. Notes, 1842-43 } „ 1,000, „ „ 1865 }	1,863	0	0			
Surplus at date	301	0	0			
				2,164	0	0
				2,164	0	0

Account, in Account with R.A.S.B.

1945.

started in 1926.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			4,834	14	9
Interest realized during the year			138	8	0
Appreciation on Investments revalued on 31st December, 1945			140	0	0
				<hr/>		
				5,113	6	9

Fund Account, in Account with R.A.S.B.

1945.

started in 1926.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			18,693	7	8
Interest realized during the year			489	0	0
Appreciation on Investments revalued on 31st December, 1945			490	0	0
				<hr/>		
				19,672	7	8

Fund Account, in Account with R.A.S.B.

1945.

1926, by Dr. U. N. Brahmachari.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			3,183	6	0
Interest realized during the year			104	12	0
Appreciation on Investments revalued on 31st December, 1945			105	0	0
				<hr/>		
				3,393	2	0

Fund Account, in Account with R.A.S.B.

1945.

the purpose in 1935.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			2,038	12	0
Interest realized during the year			62	4	0
Appreciation on Investments revalued on 31st December, 1945			63	0	0
				<hr/>		
				2,164	0	0

STATEMENT NO. 12.

Joy Gobind Law Memorial

From a donation for the purpose

	Rs.	As.	P.	Rs.	As.	P.
To Cost of a Medal .. .. .	....			308	11	0
Balance as per Balance Sheet—						
Rs.3,000, 3½% G.P. Notes, 1854-55	3,105	0	0			
Surplus at date	109	5	0			
				3,214	5	0
				3,523	0	0

STATEMENT NO. 13.

Calcutta Science Congress Prize

	Rs.	As.	P.	Rs.	As.	P.
To Balance as per Balance Sheet—						
Rs.3,000, 3½% G.P. Notes, 1854-55	3,105	0	0			
Surplus at date	312	6	7			
				3,417	6	7
				3,417	6	7

STATEMENT NO. 14.

Dr. Brühl Memorial

From a sum gifted for the purpose in

	Rs.	As.	P.	Rs.	As.	P.
To Cost of a Medal .. .. .	....			9	4	0
Balance as per Balance Sheet—						
Rs.1,000, 3½% G.P. Notes, 1854-55	1,035	0	0			
Surplus at date	306	5	0			
				1,341	5	0
				1,350	9	0

STATEMENT NO. 15.

Dr. Bimala Churn Law

From a sum gifted for the purpose

	Rs.	As.	P.	Rs.	As.	P.
To Cost of a Medal .. .. .	....			277	7	6
Balance as per Balance Sheet—						
Rs.8,000, 3½% G.P. Notes, 1865	8,280	0	0			
Surplus at date	449	10	6			
				8,729	10	6
				9,007	2	0

Fund Account, in Account with R.A.S.B.**1945.**

in 1929, by Dr. Satya Churn Law.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			3,313	4	0
Interest realized during the year			104	12	0
Appreciation on Investments revalued on 31st December, 1945			105	0	0
				<hr/>		
				3,523	0	0

Fund Account, in Account with R.A.S.B.**1945.**

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			3,207	10	7
Interest realized during the year			104	12	0
Appreciation on Investments revalued on 31st December, 1945			105	0	0
				<hr/>		
				3,417	6	7

Fund Account, in Account with R.A.S.B.**1945.**

1929, by the Brühl Farewell Committee.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			1,280	13	0
Interest realized during the year			34	12	0
Appreciation on Investments revalued on 31st December, 1945			35	0	0
				<hr/>		
				1,350	9	0

Gold Medal Fund Account, in Account with R.A.S.B.**1945.**

by Dr. B. C. Law.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			8,447	14	0
Interest realized during the year			279	4	0
Appreciation on Investments revalued on 31st December, 1945			280	0	0
				<hr/>		
				9,007	2	0

STATEMENT NO. 16.

Sarat Ch. Roy Medal

From a sum gifted

		Rs.	As.	P.	Rs.	As.	P.
To Cost of a Medal .. ..	..	....			228	0	3
Balance as per Balance Sheet—							
Rs.4,000, 3% Victory Loan, 1957 ..	..	4,020	0	0			
Surplus at date .. ..	..	90	2	1			
					4,110	2	1
					4,338	2	4

STATEMENT NO. 17.

Dr. Bimala Churn Law

From a sum donated

		Rs.	As.	P.	Rs.	As.	P.
To Purchase of Books			2,448	3	0
Contingencies			13	15	9
Furniture			760	0	0
Balance as per Balance Sheet			2,777	13	3
					6,000	0	0

STATEMENT NO. 18.

Building Repair

		Rs.	As.	P.	Rs.	As.	P.
To Repairs during the year			2,366	1	3
Balance as per Balance Sheet			2,153	14	9
					4,520	0	0

STATEMENT NO. 19.

Provident Fund

From contributions by the

		Rs.	As.	P.	Rs.	As.	P.
To Cost of a stamp .. ..	..	....			0	1	0
Balance as per Balance Sheet—							
Rs.6,000, 3½% G.P. Notes, 1900-01	..	6,210	0	0			
Rs.5,200, 3% G.P. Notes, 1963-65	..	5,161	0	0			
Savings Bank and Advances .. ..	..	8,799	3	0			
					20,170	3	0
					20,170	4	0

Fund Account, in Account with R.A.S.B.

1945.

by Mrs. S. C. Roy for the purpose.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			4,225	13	4
Interest realized during the year			84	13	0
Appreciation on Investments revalued on 31st December, 1945			27	8	0
				<u>4,338</u>	<u>2</u>	<u>4</u>

Collection Fund, in Account with R.A.S.B.

1945.

by Dr. B. C. Law.

	Rs.	As.	P.	Rs.	As.	P.
By Donation received			6,000	0	0
				<u>6,000</u>	<u>0</u>	<u>0</u>

Fund Account, in Account with R.A.S.B.

1945.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			3,520	0	0
Transfer from R.A.S.B. General Fund			1,000	0	0
				<u>4,520</u>	<u>0</u>	<u>0</u>

Account, in Account with R.A.S.B.

1945.

Society and its Staff.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account ..	....			18,109	12	0
Interest realized during the year ..	99	4	0			
Staff Contribution for the year ..	665	2	0			
Society's Contribution for the year ..	665	2	0			
				1,429	8	0
Interest realized from Savings Bank ..	....			414	8	0
Appreciation on Investments revalued on 31st December, 1945 ..	....			216	8	0
				<u>20,170</u>	<u>4</u>	<u>0</u>

STATEMENT NO. 20.

Advances Account,

		Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account			2,051	0	0
Payments during the year			1,550	0	0
					<u>3,601</u>	<u>0</u>	<u>0</u>

STATEMENT NO. 21.

Personal

		Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account	..	....			3,801	6	6
Advances .. ..	..	....			1,698	0	0
R.A.S.B.'s Subscriptions, etc.	..	31,462	0	0			
Book Sales, etc.	..	8,609	13	6			
					<u>40,071</u>	<u>13</u>	<u>6</u>

45,571 4 0

STATEMENT NO. 22.

Publication Fund Account,

		Rs.	As.	P.	Rs.	As.	P.
To Books returned	..	....			129	6	0
Journal and Proceedings	..	....			5,410	13	9
Advertisement	..	....			510	0	0
Binding	..	....			784	13	0
Printing	..	....			2,179	11	9
Contingencies and Freight	..	....			404	8	0
Balance as per Balance Sheet—							
Rs.10,000, 3% Victory Loan, 1957	..	10,050	0	0			
Surplus at date	..	17,596	8	2			
					<u>27,646</u>	<u>8</u>	<u>2</u>
					<u>37,065</u>	<u>12</u>	<u>8</u>

in Account with R.A.S.B.

1945.

		Rs.	As.	P.	Rs.	As.	P.
By Refunds during the year			1,539	0	0
Balance as per Balance Sheet			2,062	0	0
					<u>3,601</u>	<u>0</u>	<u>0</u>

Account.

1945.

		Rs.	As.	P.	Rs.	As.	P.
By Cash Receipts during the year			40,419	1	6
Books returned			129	6	0
Bad Debts written off, R.A.S.B.			1,145	4	0
Balance as per Balance Sheet			3,877	8	6

Outstandings.	Amount due to the Society.			Amount due by the Society.		
	Rs.	As.	P.	Rs.	As.	P.
Members	3,758	2	0	908	13	0
Subscribers, etc.	1,357	3	0	127	12	6
Bill Collector's Deposit	..	..	..	100	0	0
Miscellaneous	..	..	..	101	3	0
	<u>5,115</u>	<u>5</u>	<u>0</u>	<u>1,237</u>	<u>12</u>	<u>6</u>

 45,571 4 0

in Account with R.A.S.B.

1945.

		Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account	..	....			25,037	12	11
Government Grant	..	....			1,600	0	0
Book Sales, etc.	..	8,609	13	6			
Cash Sale of Publications	..	1,450	2	3			
					<u>10,059</u>	<u>15</u>	<u>9</u>
Interest realized during the year	..	....			299	4	0
Appreciation on Investments revalued on 31st December, 1945	..	....			68	12	0
					<u>37,065</u>	<u>12</u>	<u>8</u>

STATEMENT NO. 23.

Discussion Meetings Fund Running

	Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account			305	13	9
Contingent charges (tea, etc.)			101	6	0
Balance as per Balance Sheet			100	4	3
				<hr/>		
				507	8	0
				<hr/>		

STATEMENT NO. 24.

(1) Deposit Account (Savings Bank

	Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account ..	....			4,904	4	0
Deposit of Interest realized from loans during the year ..	99	4	0			
Deposit of Contributions during the year ..	1,330	4	0			
Deposit of Advances returned ..	1,539	0	0			
				<hr/>		
Interest for the year ..	....			2,968	8	0
				414	8	0
				<hr/>		
				8,287	4	0
				<hr/>		

STATEMENT NO. 25.

(2) Deposit Account (Fixed Deposit

	Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account			30,000	0	0
				<hr/>		
				30,000	0	0
				<hr/>		

		Rs.	As.	P.	Rs.	As.	P.
By Balance as per Balance Sheet	..		....		30,000	0	0
					<hr/>		
					30,000	0	0

STATEMENT NO. 26.

(3) Investments

		Rs.	As.	P.
To Balance from last Account	..	3,76,307	4	0
Appreciation on Investments revalued on 31-12-1945	..	11,289	7	0
		3,87,596	11	0

Face Value Rs.	FUNDS.	Rate @ Rs. %	31st December, 1945, Valuation.			31st December, 1944, Valuation.			Appreciation.		
			Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
	ROYAL ASIATIC SOCIETY OF BENGAL.										
	PERMANENT RESERVE.										
14,700	3½% G.P. Notes, 1842-43	}									
1,53,700	3½% G.P. Notes, 1854-55										
44,300	3½% G.P. Notes, 1865										
6,000	3½% G.P. Notes, 1879										
33,000	3½% G.P. Notes, 1900-01										
2,53,700	3% G.P. Notes, 1896-97	103/8/-	2,62,579	8	0	2,53,700	0	0	8,879	8	0
500		97/7/-	487	3	0	456	4	0	30	15	0
	TEMPORARY RESERVE.										
12,000	3½% G.P. Notes, 1900-01	103/8/-	12,420	0	0	12,000	0	0	420	0	0
11,400	4½% Loan, 1955-60	117/4/-	13,366	8	0	13,866	8	0	0	0	0
5,000	3% War Loan, 1951-54	101/9/-	5,078	2	0	5,062	8	0	15	10	0
10,000	3% Defence Loan, 1953-55	101/7/-	10,143	12	0	10,050	0	0	93	12	0
	ORIENTAL PUBLICATION FUND No. 1.										
5,000	3% War Loan, 1951-54	101/9/-	5,078	2	0	5,062	8	0	15	10	0
5,000	3% Victory Loan, 1957	100/8/-	5,025	0	0	4,990	10	0	34	6	0
	SANSKRIT MSS. FUND.										
5,000	3% Victory Loan, 1957	100/8/-	5,025	0	0	4,990	10	0	34	6	0
	BARCLAY MEMORIAL FUND.										
700	3½% G.P. Notes, 1854-55	103/8/-	724	8	0	700	0	0	24	8	0
	SERVANTS' PENSION FUND.										
3,000	3½% G.P. Notes, 1854-55	103/8/-	3,105	0	0	3,000	0	0	105	0	0
	ANNANDALE MEMORIAL FUND.										
4,000	3½% G.P. Notes, 1854-55	103/8/-	4,140	0	0	4,000	0	0	140	0	0
	PERMANENT LIBRARY ENDOWMENT FUND.										
14,000	3½% G.P. Notes, 1854-55	103/8/-	14,490	0	0	14,000	0	0	490	0	0
	SIR WILLIAM JONES MEMORIAL FUND.										
3,000	3½% G.P. Notes, 1854-55	103/8/-	3,105	0	0	3,000	0	0	105	0	0
	PRAMATHANATH BOSE MEMORIAL FUND.										
800	3½% G.P. Notes, 1842-43	103/8/-	1,863	0	0	1,800	0	0	63	0	0
1,000	3½% G.P. Notes, 1865										
	JOY GORIND LAW MEMORIAL FUND.										
3,000	3½% G.P. Notes, 1854-55	103/8/-	3,105	0	0	3,000	0	0	105	0	0
	CALCUTTA SCIENCE CONGRESS PRIZE FUND.										
3,000	3½% G.P. Notes, 1854-55	103/8/-	3,105	0	0	3,000	0	0	105	0	0
	DR. BRÜHL MEMORIAL FUND.										
1,000	3½% G.P. Notes, 1854-55	103/8/-	1,035	0	0	1,000	0	0	35	0	0
	DR. BIMALA CHURN LAW GOLD MEDAL FUND.										
3,000	3½% G.P. Notes, 1865	103/8/-	3,280	0	0	3,000	0	0	280	0	0
	SARAT CH. ROY MEDAL FUND.										
4,000	3% Victory Loan, 1957	100/8/-	4,020	0	0	3,992	8	0	27	8	0
	PUBLICATION FUND.										
10,000	3% Victory Loan, 1957	100/8/-	10,050	0	0	9,981	4	0	68	12	0
	PROVIDENT FUND.										
5,200	3% Loan (1963-65)	99/4/-	5,161	0	0	5,154	8	0	6	8	0
6,000	3½% G.P. Notes, 1900-01	103/8/-	6,210	0	0	6,000	0	0	210	0	0
3,74,300			3,87,596	11	0	3,76,307	4	0	11,289	7	0

1946]

Receipts and Disbursements.

lix

*Account.**1945.*

			Rs.	As.	P.
By Balance as per Balance Sheet	..	..	3,87,596	11	0
			3,87,596	11	0

STATEMENT NO. 27.

Cash

For the year ended 31st

To	Rs.	As.	P.	Rs.	As.	P.
Balance from last Account			43,289	8	3
General Fund Account			32,316	0	6
Oriental Publication Fund No. 1 Account			6,799	2	0
Oriental Publication Fund No. 2 Account			2,400	0	0
Sanskrit Manuscripts Fund Account			9,109	10	0
Arabic and Persian Manuscripts Fund Account			2,500	0	0
Barclay Memorial Fund Account			24	4	0
Servants' Pension Fund Account			104	12	0
Annandale Memorial Fund Account			188	8	0
Permanent Library Endowment Fund Account			489	0	0
Sir William Jones Memorial Fund Account			104	12	0
Pramathanath Bose Memorial Fund Account			62	4	0
Joy Gobind Law Memorial Fund Account			104	12	0
Calcutta Science Congress Prize Fund Account			104	12	0
Dr. Brühl Memorial Fund Account			34	12	0
Dr. Bimala Churn Law Gold Medal Fund Account			279	4	0
Sarat Ch. Roy Medal Fund Account			84	13	0
Dr. Bimala Churn Law Collection Fund Account			6,000	0	0
Provident Fund Account			1,429	8	0
Advances Account			1,539	0	0
Personal Account			40,419	1	6
Publication Fund Account			3,349	6	3
Discussion Meetings Fund Running Account			507	8	0
Savings Bank Deposit Account, Imperial Bank of India, Calcutta			1,550	0	0
				1,52,740	9	6

Account.

1945.

December, 1945.

	Rs.	As.	P.	Rs.	As.	P.
Joy General Fund Account			53,037	1	0
Oriental Publication Fund No. 1 Account			3,154	0	0
Oriental Publication Fund No. 2 Account			585	10	0
Sanskrit Manuscripts Fund Account			8,012	15	6
Arabic and Persian Manuscripts Fund Account			596	7	0
Servants' Pension Fund Account			143	0	0
Joy Gobind Law Memorial Fund Account			308	11	0
Dr. Brühl Memorial Fund Account			9	4	0
Dr. Bimala Churn Law Fund Account			277	7	6
Sarat Ch. Roy Medal Fund Account			228	0	3
Dr. Bimala Churn Law Collection Fund Account			3,222	2	9
Building Repair Fund Account			2,366	1	3
Advances Account			1,550	0	0
Personal Account			1,698	0	0
Publication Fund Account			9,289	14	6
Discussion Meetings Fund Running Account			101	6	0
Savings Bank Deposit Account, Imperial Bank of India			2,968	8	0
Balance as per Balance Sheet— In hand			44	9	6
With the Imperial Bank of India on Current Account			65,147	7	3
				<u>1,52,740</u>	<u>9</u>	<u>6</u>

STATEMENT NO. 28.

Balance

As at 31st

LIABILITIES.

	Rs.	As.	P.	Rs.	As.	P.
General Fund Account			3,32,150	13	1
Oriental Publication Fund No. 1 Account			32,558	2	10
Sanskrit Manuscripts Fund Account			22,495	6	1
Arabic and Persian Manuscripts Fund Account			4,050	7	6
Barclay Memorial Fund Account			888	8	8
Servants' Pension Fund Account			3,795	14	8
Annandale Memorial Fund Account			5,113	6	9
Permanent Library Endowment Fund Account			19,672	7	8
Sir William Jones Memorial Fund Account			3,393	2	0
Pramathanath Bose Memorial Fund Account			2,164	0	0
Joy Gobind Law Memorial Fund Account			3,214	5	0
Calcutta Science Congress Prize Fund Account			3,417	6	7
Dr. Brühl Memorial Fund Account			1,341	5	0
Dr. Bimala Churn Law Gold Medal Fund Account			8,729	10	6
Sarat Ch. Roy Medal Fund Account			4,110	2	1
Dr. Bimala Churn Law Collection Fund Account			2,777	13	3
Building Repair Fund Account			2,153	14	9
Provident Fund Account			20,170	3	0
Publication Fund Account			27,646	8	2
Discussion Meetings Fund Account			100	4	3
Personal Account—Sundry Liabilities			1,237	12	6
				5,01,181	10	4

We have examined the above Balance Sheet and the appended detailed accounts with the Books and Vouchers presented to us and certify that they are in accordance therewith, and, in our opinion, set forth correctly the position of the Society as at 31st December, 1945.

PRICE, WATERHOUSE, PEAT & Co.,

Calcutta,

Auditors,
Chartered Accountants,
Registered Accountants.

Sheet.

1945.

December, 1945.

ASSETS.

	Rs.	As.	P.	Rs.	As.	P.
Oriental Publication Fund No. 2 Account	.....			4,478	6	7
Advances Account	2,062	0	0			
Personal Account—Sundry Outstandings	5,115	5	0			
	<hr/>			7,177	5	0
Deposits:—						
Savings Bank Deposit Account, Imperial Bank of India	6,737	3	0			
Fixed Deposit Account, Imperial Bank of India	30,000	0	0			
	<hr/>			36,737	3	0
Investments Account .. ..	....			3,87,596	11	0
Cash Account:—						
In hand	44	9	6			
With the Imperial Bank of India, on Current Account	65,147	7	3			
	<hr/>			65,192	0	9

5,01,181 10 4

[APPENDIX II.]

Abstract Proceedings, Council, 1945.

(Rule 48f.)

ACCOMMODATION.—Letter from Mr. G. Appleton, dated the 17th January, requesting to be allowed to open a Burmese Centre for cultural work in the Society. The General Secretary to give such facilities as possible, without involving the Society in any financial commitments. This arrangement should be for six months in the first instance. Council No. 14. 24-1-45.

Application from the Honorary Secretary, Calcutta Art Society, requesting the use of the Society's hall for holding an exhibition of Chinese paintings from 23rd to 27th March (both days inclusive). Allow the use of the Members' room on the ground floor for the exhibition. Council No. 20. 19-2-45.

Recommendations of the Amenities Committee meetings held on 23-2-45 and 6-3-45. Recommendations of the Library Committee of 14-3-45. The Report of the Amenities Committee relating to the re-arrangement of the rooms was approved subject to the following modifications:—

- (a) The Reading Room should be situated at the East Wing of the first floor.
- (b) The Tea Room should be in the West Wing of the first floor.
- (c) The office should be removed to the West Room on the ground floor.
- (d) The additional lavatory should be in the room on the ground floor now occupied by Sir Cyril Fox.
- (e) The matter should be referred back to the Amenities Committee for opinion.
- (f) As regards making the monthly meetings more attractive the matter should be further discussed by the Council. Spl. Council. 24-3-45. Part II.

Application for the use of the Society's hall on Friday, the 20th April, from 5-30 to 7 p.m., from the Calcutta Committee of the Institution of Electrical Engineers for a meeting and tea party. Grant; the charge for the use of the Society's hall would henceforth be Rs.20. Council No. 1. 17-4-45.

Letter from Dr. W. A. Jenkins enquiring whether the Society would be able to provide accommodation for meetings of the Institution of Engineers in Calcutta. Allow accommodation for meetings on usual terms. Council No. 2. 21-8-45.

Application for the use of the Society's hall for a meeting of the Calcutta Art Society on Tuesday, the 5th June, from 5-30 to 7-30 p.m. Grant on usual terms of Rs.20. Council No. 12. 22-5-45.

Application from the East and West Fraternity, Calcutta, to let out a room in the Society on monthly rental basis. Regret inability. Council. 15-6-45.

Application for the use of the Society's hall for the annual tea party of the Calcutta Art Society on Friday, the 24th August, from 5-15 p.m. Grant on usual terms; breakages or loss if any, in the crockery used to be charged for. Council No. 3. 21-8-45.

Request from the Mining, Geological and Metallurgical Institute of India for the use of the Society's hall for their Annual Meeting on Friday, the 18th January, 1946. Grant on usual terms. Council No. 1. 21-9-45.

Application for the use of the Society's hall for the Annual Meeting of the Geological, Mining and Metallurgical Society of India on Monday, the 24th September, at 5 p.m. Grant on usual terms. Council No. 12. 21-9-45.

Request by the Institution of Engineers, India, for the use of the Society's hall for their Silver Jubilee Celebrations from 27th to 31st December, 1945. Grant on usual terms. Council No. 17. 27-11-45.

Letter from the Director, Scientific and Industrial Research, New Delhi, to the President, R.A.S.B., dated 22nd November, 1945, requesting the Society's hall for meetings for three days from 20th to 22nd December, 1945. Grant on usual terms. Council No. 22. 27-11-45.

Letter from the Academy of Fine Arts, Calcutta, dated the 12th December, requesting to provide accommodation in the new building of the Society which is going to be erected. To be considered when the new building is erected and reply accordingly. Council No. 18. 17-12-45.

ADVISORY BOARDS, RECOMMENDATIONS OF.—Consideration of the draft of a letter on the subject of the establishment of National Parks, for forwarding to the Government of India. It is recommended that the draft relating to the formation of National Parks be forwarded to the Government of India and a copy thereof be also forwarded simultaneously to the Government of India, Department of Communications and Railways, for consideration. Cultural Advisory Board No. 1. 17-1-45.

Consideration of the draft of a letter relating to the formation of a National Cultural Trust and the constitution of a Committee of Cultural Enquiry, as approved by the Sub-Committee appointed for the purpose. It is recommended that the draft relating to the formation of a National Cultural Trust and the constitution of a Committee of Cultural Enquiry be forwarded to the Government of India after a few verbal changes. Cultural Advisory Board No. 2. 17-1-45.

Consideration of a draft relating to the establishment of a National Academy of Fine Arts and Letters. It is recommended that the draft on the subject of the establishment of a National Academy of Art and Letters be forwarded to the Government of India. Cultural Advisory Board No. 3. 17-1-45.

Letter from the Varendra Research Society, dated 3-1-45, containing proposals concerning (a) the organization of a Central Manuscript Library in Bengal, and (b) a systematic exploration of ancient monuments in Bengal, and requesting that these proposals may be considered by the Cultural Advisory Board. Resolved that the replies which are received from Universities and learned Societies in India to whom our proposals were circulated should be summarized and brought before some future meeting of the Cultural Board. Cultural Advisory Board No. 4. 17-1-45.

Recommendations of the Cultural Advisory Board Meeting held on 17-1-45 consisting of:—

- (a) Draft of a letter on the subject of the establishment of National Parks as approved by the Board. Approved; forward to the Government of India on behalf of the Society.
- (b) Draft of a letter relating to the formation of a National Cultural Trust and the constitution of a Committee of Cultural Enquiry as approved by the Board. Approved; forward to the Government of India on behalf of the Society.
- (c) Draft of a letter relating to the establishment of a National Academy of Fine Arts and Letters as approved by the Board. (Circular No. 12.) Approved; forward to the Government of India on behalf of the Society.
- (d) The question of distributing to the members copies of pamphlet containing proposals made to the Governments concerning post-war reconstruction. Approved.
- (e) Approval of the covering letter for forwarding the 'pamphlets'. Approved. Council No. 6. 24-1-45.

Consideration of a letter, dated the 12th March, 1945, from Sir Olaf Caroe, External Affairs Dept., New Delhi, in connection with the proposals regarding cultural reconstruction made by the Society, and a letter relating thereto from Dr. M. Ishaque. That the question of a suitable reply to this letter be considered by a Sub-Committee of this Board consisting of the Hon'ble Mr. Justice Edgley, Dr. Hora, Dr. Ishaque and Prof. M. M. Haq.

In connection with this matter it was further recommended that one of the Additional Secretaries to the Council should be entrusted with dealing in the first instance with matters involving the relations between this Society and foreign countries, and that pending further consideration by the Council, Dr. Hora be asked to do this work in addition to his existing duties as an Additional Secretary. Cultural Advisory Board No. 2. 27-3-45.

Consideration of the Society's establishment of reciprocity relationship with some of the leading learned Societies in India and with the Royal Asiatic Society of Great Britain, Royal Society of Arts and Royal India Society in England (referred to the Cultural and Scientific Advisory Boards by the Council). That Dr. Hora be asked to draft a suitable letter to the above-mentioned Societies in Great Britain and to such Societies in India as may possess suitable libraries or similar amenities for research, with a view to the establishment of reciprocal relations between this Society and those Societies on the basis that members of the reciprocating Societies should be allowed such

amenities as the Societies are in a position to give during visits not exceeding three months in duration to the headquarters of such Societies. Cultural Advisory Board No. 3. 27-3-45.

Letter from the Curator, Dacca Museum, dated the 18th March, in answer to the letter forwarding to him the pamphlets containing Society's proposals concerning cultural reconstruction. That steps be taken to approach the Government of Bengal with a view to the restoration of the cuts in the grants made by Government to the Royal Asiatic Society of Bengal and other cultural institutions in the province including particularly the Dacca Museum. Mr. Percy Brown be asked to draft the letter for the approval of the Council. Cultural Advisory Board No. 5. 27-3-45.

Letter of appreciation from the Government of Burma, dated 21-3-45, in connection with the opening of the Burma centre in the Society. Record. Cultural Advisory Board No. 6. 27-3-45.

Consideration of the question of drawing up a programme for the future cultural activities of the Society particularly with a view to associating the Ordinary members more closely with the work of the Society. An informal discussion took place with regard to this matter. Mr. Justice Edgley will record a note on this subject, if possible, before he proceeds on leave. Cultural Advisory Board No. 8. 27-3-45.

Recommendations of the Cultural Advisory Board meeting held on 1-3-45 (letters received with reference to the Society's proposals regarding cultural reconstruction were laid on the table). Accept. Council No. 11. 21-3-45.

Letter, dated 13-2-45, sent on behalf of the Indian Anthropological Institute by Mr. J. P. Mills to the Government of India in connection with making provision for Anthropology in their plans for post-war reconstruction. Recommend to the Council to approve the modified draft, and issue it to the Government of India on behalf of the Society. (The paras. 1 to 7 of Dr. Guha's draft will remain as they are; para. 8 to be replaced by paras. 8 to 11 of Dr. Agharkar's draft.) Scientific Advisory Board No. 2. 16-4-45.

Letter from Mr. J. P. Mills, dated the 8th January, suggesting the establishment of a Natural History Museum. Request Dr. Agharkar to draft a scheme and place it for consideration before the Board in July 1945. Scientific Advisory Board No. 3. 16-4-45.

Recommendations of the Cultural Advisory Board of 27-3-45. (a) The question of appointing a Foreign Secretary to the Society. A Foreign Relations Committee be set up with a Secretary who will be styled Foreign Secretary to the Society. The General Secretary to prepare a memorandum on the subject. (b) Consideration of a note from the President, R.A.S.B., with reference to the Dacca Museum. The President to write to Dr. Bhatasali intimating that the Society is prepared to take up the case of Dacca Museum with the Bengal Govt. provided a direct request to that effect is received from the Museum Committee. Council No. 3. 17-4-45.

Recommendations of the Scientific Advisory Board of 16-4-45. Draft of a letter by Dr. B. S. Guha, advocating the formation of a separate Department of Anthropology. The modified draft approved; forward it to the Govt. of India on behalf of the Society. A copy of the letter be forwarded to Dr. B. S. Guha for information. Council No. 5. 17-4-45.

Appointment of a Board to discuss the Report of the Central Advisory Board of Education on Post-war Educational Development in India forwarded for opinion from the Government of India. The Board to consist of Dr. W. A. Jenkins, Mr. Tazimuddin Khan, Mr. A. K. Chanda, Dr. R. C. Majumdar and Dr. K. N. Bagchi. Council No. 2. 15-6-45.

The Council considered a letter, dated 9-7-45, from the Hon'ble Mr. Justice Edgley with regard to the progress of his mission of establishing cultural contact with Britain and India. Record. Council No. 10. 20-7-45.

ANNUAL MEETING.—Approval of the draft of the Annual Report for 1944. Generally approved; Mr. Percy Brown to revise the language and see the final paragraph. Council No. 7. 24-1-45.

The question of inviting the Patron, H.E. the Governor of Bengal, to preside over the Annual Meeting in February, 1946. Invite. Council No. 12. 17-12-45.

ASSOCIATE MEMBERS.—Letter from Pt. Vanamali Vedantatirtha requesting the Society to treat him as a non-paying member. (a) Propose the name of Mr.

Vedantatirtha for election as an Associate Member to the next Ordinary Monthly Meeting as prescribed in Rule 13. (b) The President also proposed that the name of Mr. Jogendra Nath Gupta be put up for election as an Associate Member. The Council concurred. Council No. 13. 21-8-45.

BICENTENARY CELEBRATION OF THE BIRTH OF SIR WM. JONES.—Correspondence with the Private Secretary to H.E. the Viceroy regarding the address to be delivered by H.E. at the Bicentenary Celebrations of Sir William Jones to be held in 1946. Reply to the Private Secretary stating that a date for the celebration will be fixed according to the convenience of His Excellency during his visit to Calcutta in 1946, who may also be requested to address the Society for about 20 minutes. Council No. 13. 24-1-45.

Letter, dated 24-1-45, from Dr. K. Nag to the President concerning the formation of a Bicentenary Endowment Board. A Board to be composed consisting of the Hon'ble Mr. Justice N. G. A. Edgley, Messrs. P. Brown, M. Z. Siddiqi, K. P. Khaitan, K. Nag, M. N. Saha as members with power to co-opt additional members to consider generally matters relating to the celebration of the bicentenary of the birth of Sir William Jones in 1946. Council No. 16. 24-1-45.

Recommendations of the Special Bicentenary Committee meeting held on 5-6-45. Accept. (a) Letter from Dr. B. C. Law, dated 5-6-45, containing suggestions in connection with the forthcoming Bicentenary Celebrations and offering to bear the entire cost of printing his work on 'Asvaghosha' in the Society's monograph series. Accept with thanks. Council No. 4(a). 15-6-45.

(b) Letter from Dr. A. Banerji-Shastri, dated 5-6-45, containing suggestions for the forthcoming Bicentenary Celebrations. Accept with thanks. Council No. 4(b). 15-6-45.

(c) Report co-option of the following as members of the Bicentenary Birth Celebrations Committee: (1) Dr. A. Banerji-Shastri, (2) Dr. N. N. Law, (3) Dr. N. Dutt, and (4) Mr. L. R. Fawcus. Approve. Council No. 4(c). 15-6-45.

Other expenses in connection with the bicentenary celebrations, such as hiring charges of the steamer, cooly hire, etc. Recommend sanction of Rs.250 on this head. Spl. Fin. Com. No. 3. 29-12-45.

Bicentenary bonus to the Society's staff. Refer to Finance Committee the question of a bonus for members of the staff who earn less than Rs.100 a month. Spl. Council No. 5. 29-12-45.

BRITISH COUNCIL.—Note by the Hon'ble Mr. Justice Edgley containing proposals for the co-operation of the Society with the British Council. Mr. Justice Edgley explained the proposals contained in his note, dated the 10th February, 1945, in all their implications and also explained the functions and constitution of the British Council. After referring to the notes recorded by the members of the Council with reference to these proposals he read Dr. Agharkar's note, dated 17-2-45. A general discussion followed and the proposals contained in Mr. Justice Edgley's note, dated 10th February, 1945, were unanimously approved. Owing to the urgency of the matter it was decided to address the British Council by the Air Mail of the 20th February, 1945. A draft letter to the British Council was placed before the Council and unanimously approved. It was further decided to forward to the British Council parts I and II of the pamphlets containing 'proposals made by the Society', a copy of the list of Council Members for 1945, a copy of the Annual Report for 1944 and a copy of the latest issue of the *Year-Book*. It was also resolved to despatch a duplicate copy of the letter and the enclosures by Air Mail next week to ensure safe delivery to the British Council. Council No. 11. 19-2-45.

Consideration of a telegram from the British Council in answer to the Society's letter, dated the 20th February, 1945. Postpone for consideration by the special meeting of the Council on Saturday, the 24th March, at 5-30 p.m. Council No. 5. 21-3-45.

Consideration of a telegram from the British Council in answer to the Society's letter, dated the 20th February, 1945. After a thorough discussion of the matter in all its implications, the Council resolved to forward the following letter to the British Council in continuation of the Society's previous letter, on the subject, No. 640 of the 20th February, 1945:—

'The Royal Asiatic Society of Bengal has watched with great interest the cultural and humanitarian activities of the British Council in the different countries of the world, particularly those in China carried through Dr. Joseph Needham, and would

welcome that India should be included in their sphere of activity. The R.A.S.B. is prepared to co-operate on the lines indicated below:—

- (1) For organizing cultural services to the British, American and Indian armed forces stationed in India during the course of the war. This work has already been organized for Calcutta by the R.A.S.B., but it is handicapped owing to lack of funds and personnel.
- (2) For providing Indian scientific and cultural workers with the original literature published during the war in the U.K., U.S.A., U.S.S.R., and other countries. (Scientific literature supply service)
- (3) For organizing exchange of visits between Indian and British savants in the field of science, letters, and technology and medicine.
- (4) For co-operating in any other matter which may be agreed upon by the two societies.

It was also resolved that the Council's representatives should ascertain from the British Council the manner in which co-operation would be desirable or possible having regard to the constitution and aims of the R.A.S.B. and also the extent to which the British Council would be prepared to render financial assistance to the Society to achieve the objects in view. On their return they should submit a report for consideration. The representatives appointed to negotiate and explore the situation jointly and severally with the British Council are the Hon'ble Mr. Justice Edgley, Mr. C. W. Gurner, Dr. W. D. West, Mr. A. P. Benthall and Mr. L. K. Elmhirst. Spl. Council. 24-3-45.

Letter from the British Council, dated 7th March, 1945, in answer to the Society's letter No. 640G, 20-2-45. Record. Council No. 16. 17-4-45.

BUILDING.—The question of demolishing the baffle walls erected in the premises and on the roof as A.R.P. measures in 1941. To be demolished and the bricks and sand be sold. Council No. 11. 22-5-45.

Mr. K. P. Khaitan, Hony. Treasurer, placed before the Council his plan of constructing a bigger building in place of the present one (a) to meet the growing cultural activities of the Society and (b) to guarantee a steady and progressively increasing income to the Society. Resolved that the title-deeds, plans and relevant papers re. the immovable property of the Society be sent to Mr. Khaitan, together with the opinion of our Hony. Solicitors. Council No. 14. 22-5-45.

Report of the Honorary Treasurer with regard to the question of erecting a new building on the existing site after demolishing the present one. Letters from Messrs. Bellardie, Thompson & Matthews, Architects, containing description of the Society's proposed new building. Resolved that a sub-committee be formed composed of the President, Mr. Khaitan, the Hon'ble Mr. Justice Edgley, Mr. Percy Brown, Dr. B. C. Law and Dr. Kalidas Nag to prepare materials for a brochure. Council No. 21. 27-11-45.

Approval of the draft of the applications to the Governments for re-erecting the Society's building. Accept the principle of the suggestion contained in the draft and the same be referred to the Building Committee and the revised draft be placed before the Special Finance Committee and the Council for final approval. Council No. 14. 17-12-45.

Consideration of the recommendations of the Building Sub-Committee and including the approval of the draft of letters to Governments for building grants. Approved the draft and the recommendations of the Building Committee. Spl. Council No. 1. 29-12-45.

Consideration of the recommendations of the Building Sub-Committee in connection with the financing of the Society's proposed new building. The proposal of the Building Committee as embodied in the draft to Government of India and the further proposals contained in the minutes, dated 27-12-45, be endorsed and recommended to the Council. Spl. Fin. Comm. No. 1. 29-12-45.

The General Secretary reported that the question of the ownership of the grounds on which the premises of the Society are situated has been finally settled after the discovery of the original letter of the Government of India which reads as follows:

'With reference to your letter No. 205, dated the 18th February, 1921, I am directed to say that the Government of India are advised that the land on which the present premises of the Asiatic Society of Bengal are erected, must be regarded as the property of the Society subject to the payment of an annual rent, which, however, is

remitted while the Society actually occupies the land. They have therefore no objection to the land being mortgaged by the Society'.

So it was decided to communicate the above document to our Honorary Solicitors, requesting them to give their final opinion. Meanwhile Mr. K. P. Khaitan was requested to draw up a detailed plan regarding the proposed new building. Council No. 11. 20-7-45.

COMMITTEES AND BOARDS.—Constitution of the various Committees and Boards of the Society. The various Committees and Boards be constituted as follows:—

(1) *Library Committee*: President, General Secretary, Honorary Treasurer, Philological Secretary, Jt. Philological Secretary, Biological Secretary, Physical Science Secretary, Anthropological Secretary, Library Secretary, Hist. and Archaeological Secretary, Medical Secretary (*ex-officio*), and Khan Bahadur K. M. Asadullah.

(2) *Publication Committee*: All the *ex-officio* members, i.e. President, General Secretary, Treasurer and all Sectional Secretaries, and Dr. S. K. Chatterji.

(3) *Finance Committee*: President, General Secretary, Treasurer (*ex-officio*), Dr. S. L. Hora, The Hon'ble Mr. Justice Edgley, Mr. Percy Brown and Dr. W. D. West.

(4) *Bibliotheca Indica Committee*: President, General Secretary, Honorary Treasurer (*ex-officio*), Dr. S. K. Chatterji, Dr. N. Dutt, Dr. M. Z. Siddiqi, Dr. B. C. Law, Sir J. N. Sarkar, Dr. M. Ishaque, Prof. M. M. Haq, Dr. Satkori Mukherjee.

(5) *Programme Committee*: President, General Secretary, Honorary Treasurer (*ex-officio*), The Hon'ble Mr. Justice Edgley, Dr. K. N. Bagchi, Dr. W. G. Griffiths, Dr. R. C. Majumdar, Mr. L. R. Fawcus, Mr. P. Brown, Dr. W. D. West.

(6) *Cultural Advisory Board*: The Hon'ble Mr. Justice Edgley, Dr. R. C. Majumdar, Dr. K. Nag, Mr. C. W. Gurner, Dr. N. Dutt, Dr. M. Z. Siddiqi, Dr. B. C. Law, Mr. L. R. Fawcus, Dr. M. Ishaque, Mr. Percy Brown, Mr. K. P. Khaitan, Mr. E. B. H. Baker, Mr. W. J. Culshaw, Mr. K. K. Sen, Dr. S. K. Chatterji, Mr. L. K. Elmhirst, Prof. M. M. Haq, Dr. S. P. Mookerjee, Mr. A. N. Chaudhuri, Maharajadhiraja U. C. Mahtab, The Hon'ble Mr. Justice A. S. M. Latifur Rahman.

(7) *Scientific Advisory Board*: Dr. M. N. Saha, Dr. S. C. Law, Dr. S. P. Agharkar, Dr. K. N. Bagchi, Dr. W. G. Griffiths, Dr. J. B. Grant, Dr. S. L. Hora, Dr. W. D. West, Dr. I. Basu, Mr. A. P. Benthall, Sir Cyril Fox.

The Cultural and Scientific Advisory Boards were given power to co-opt additional members when necessary. The Boards are further to consider the adoption of measures for promoting the cultural and scientific activities of the Society. Council No. 5. 19-2-45.

Letter from Dr. S. L. Hora proposing to the Council to constitute a Scientific Board, specially to deal with 'Application of Science to Agricultural Problems'. Refer to the Scientific Advisory Board. Council No. 6. 19-2-45.

CONGRATULATION AND THANKS.—Vote of thanks to the outgoing members of Council. Thank the outgoing members for the services rendered by them to the Society during the tenure of their office. Council No. 17. 24-1-45.

Report of award of the title 'Rao Sahib' on the Superintendent of the Society. Convey congratulation to Mr. Matthal. Council No. 12. 15-6-45.

At the outset, the President, on behalf of the Council, offered their felicitation to Mr. L. R. Fawcus for his being appointed an Adviser to H.E. the Governor of Bengal. Council, Prelim. 21-8-45.

COUNCIL.—At the outset, the Chairman placed before the meeting a letter, dated 19-2-45, received from Dr. Kalidas Nag regretting absence from the meeting owing to illness. In accordance with the provisions of No. 47 of the Society's Rules the Chairman designated Dr. S. L. Hora, Natural History Secretary, to take the place of Dr. Nag and exercise his functions during the meeting and till the resumption of duties by Dr. Nag. Council, Prelim. 19-2-45.

Report of acceptance of seats on the Council by the members. Record. Council No. 1. 19-2-45.

Letter from Mr. A. P. Benthall requesting leave of absence from Council meetings for three months from 11th February owing to absence from India. Record. Council No. 3. 19-2-45.

The question of the continuation of the travelling allowance of Rs.150 to the General Secretary for the year 1945-46. Continue the allowance and submit for

confirmation by the next Monthly Meeting as prescribed in Rule 48(d). Council No. 22. 19-2-45.

Consideration of the composition of the Council for 1946-47. Resolved that the following list of the names of persons be declared as candidates for election to next year's Council, and that the list be printed and issued to the resident members, as prescribed in Rule 44:—

President ..	..	The Hon'ble Mr. Justice N. G. A. Edgley.
Vice-President ..	..	Mr. C. W. Gurner.
" ..	..	Dr. R. C. Majumdar.
" ..	..	Dr. S. P. Agharkar.
" ..	..	Dr. S. K. Chatterji.
General Secretary ..	..	Dr. Kalidas Nag.
Treasurer ..	..	Mr. K. P. Khaitan.
Philological Secretary ..	..	Dr. N. Dutt.
Jt. Philological Secretary ..	..	Dr. M. Ishaque.
Natural Hist. Secretary (Biology)	..	Dr. S. L. Hora.
" " " (Phy. Sc.)	..	Dr. K. N. Bagehi.
Anthropological Secretary ..	..	Dr. W. G. Griffiths.
Hist. and Arch. Secretary ..	..	Dr. B. C. Law.
Medical Secretary ..	..	Lt.-Col. C. L. Pasricha
Library Secretary ..	..	Khan Bahadur K. M. Asadullah.
Member of Council ..	..	Mr. L. R. Fawcus.
" ..	..	Mr. Percy Brown.
" ..	..	Dr. W. D. West.
" ..	..	Maharajadhiraj U. C. Mahtab.
" ..	..	Mr. A. P. Benthall.

Council No. 19. 17-12-45.

CULTURAL RECONSTRUCTION PROPOSALS.—The question of distributing to members copies of the Society's letters on the subject of cultural reconstruction. Resolved that 500 copies of parts I and II of the proposals made by our Society in connection with Cultural Reconstruction in India should be printed immediately (including those copies of part I which have already been printed). If the Government of India sanction an additional allotment for paper for which an application has already been made, additional 500 copies of parts I and II should be printed in order that these proposals should be circulated to the members of our Society with a covering letter, draft of which was also approved.

Further resolved that 40 copies of the pamphlets should be sent to the Secretary, Archaeological Advisory Board, to be distributed to the members of their Board and the 50 copies be placed on the table for the information of the members and visitors at the time of the Annual General Meeting. Members of the Cultural Board were informed that the meeting of the Archaeological Advisory Board has been convened for the 3rd of February, 1945, at New Delhi. Cultural Advisory Board No. 6. 17-1-45.

The question of releasing to the press parts I and II of the brochure containing Society's 'Proposals in connection with post-war cultural reconstruction in India'. Release. Council No. 4. 19-2-45.

Consideration of Prof. E. C. Dickinson's letter on the subject 'The necessity for a National Cultural Trust'. Draft approved. Forward the letter to the Govt. of India on behalf of the Society with a covering letter, the draft of which has also been approved. Council No. 12. 21-3-45.

Letter from Prof. A. V. Hill, dated 12-3-45, with reference to the proposals made by the Society in connection with post-war cultural reconstruction in India. Record. Council No. 15. 17-4-45.

DISCUSSION MEETINGS.—In order to make Monthly Meeting attractive, Dr. Hora suggested that he could arrange with Dr. L. C. Sikka to give a talk on 'Milk Supply' in case the latter returned to Calcutta before the 4th of June. Council accepted the suggestion. Council No. 8(h). 22-5-45.

The General Secretary to request Dr. A. C. Ukil to give a talk on 'Food Problem in Bengal', failing him to arrange a suitable speaker on any other subject. Council No. 10(g). 15-6-45.

The question of continuing the Discussion Meetings after the Poojah recess. To be continued, but the topics chosen for discussion must be matters relating to post-war reconstruction as suggested by Mr. L. R. Fawcus. Council No. 9. 21-9-45.

The question of dropping the Discussion Meetings in January and February in view of the Bicentenary Celebrations. Drop the meetings in January and February. Council No. 7. 27-11-45.

Offer from Mr. Indubhushan Chatterjee, Physiological Chemist to the Govt. of Bengal (retd.), that he is willing to open a discussion on 'The Problems of Human and Cattle Nutrition in Bengal'. Accept the offer with the thanks of the Society and include the discussion as an item in the next meeting programme. Council No. 18(g). 27-11-45.

DONATION.—Letter from Dr. B. C. Law, dated the 14th March, offering to bear further cost of printing the book 'Introducing India' in addition to the Rs.3,000 already donated by him in 1944. Accept the offer with thanks. Council No. 24. 21-3-45.

Letter from Dr. B. C. Law offering a donation of Rs.6,000 and more, if required, for a special collection of books to be named after him. Accept with thanks. Library Committee No. 10. 10-4-45.

Letter from Dr. B. C. Law offering a donation of Rs.6,000 to the Society for purchasing books and for starting a collection to be named after him. Accept. The thanks of the Council be conveyed to Dr. Law. Council No. 2. 17-4-45.

Report receipt of Rs.500 as donation to the Society from the Army Amenities Fund for Discussion Meetings. Record with thanks. Fin. Com. No. 5. 21-9-45.

Letter from the Zoological Society of London requesting a donation from the Society towards meeting the cost of production of the *Zoological Record*, and note thereon by the Biological Secretary. Accept the donation of Dr. S. L. Hora and circulate the letter of the Zoological Society to our members interested in zoology and donation, if any received, be remitted to the Zoological Society. Council No. 2. 27-11-45.

FELLOWS.—Recommendation of the Meeting of the Resident Fellows held on 12-1-45. Accept the recommendation; put up the name of Dr. P. C. Bagchi for election at the Annual Meeting in conformity with Nos. 17 and 18 of the 'Regulations regarding the election of Fellows'. Council No. 1. 24-1-45.

FINANCE.—Renewal of Fire Policy No. 15996230 for Rs.3,00,000 with the Commercial Union Assurance Co., which will expire in March 1945, vide premium notice, dated 13-2-45, Rs.375. Renew for another year. Fin. Com. No. 3. 19-2-45.

Renewal of Fire Policy No. 15996231 for Rs.3,00,000 with the Commercial Union Assurance Co., which will expire in March 1945, vide premium notice, dated 13-2-45, Rs.478-2-0. Renew for another year. Fin. Com. No. 4. 19-2-45.

Recommendations of the Special Finance Committee of 14-3-45. Postpone for consideration by the Special Finance Committee meeting to be called for Tuesday, the 27th March, at 4-30 p.m. Dr. R. C. Majumdar and Dr. M. Ishaque be specially invited to attend this Special Finance Committee. Council No. 14. 21-3-45.

Transaction of financial matters till the next meeting of the Finance Committee in case there is no meeting next month. The General Secretary and the Treasurer be authorized to pay the urgent bills and report such payment to the next Finance Committee meeting. Fin. Com. No. 6. 21-9-45.

The budget for the year 1946, as presented by the General Secretary was scrutinized and passed. It was resolved to recommend to the Council the adoption of the budget as appended hereto. In the course of the discussion the committee gave some consideration to the question of financing the scheme for rebuilding the Society's premises, and provisionally they were inclined to think that the Govts. of India and Bengal should be asked to contribute $\frac{3}{4}$ of the total estimated cost of the new building while the Society would contribute $\frac{1}{4}$. On the basis of the provisional estimate which has been prepared, the Society's contribution would amount to about four lakhs of Rupees. Even assuming that some portion of this amount might be raised by donations, it would probably be necessary for the Society to sell out practically the whole of their investments. Further, the income from advertising and rent would be depleted at any rate until the new building had been completed. This raises an important question which requires the careful consideration of the Council. What seems to be required is a fairly large recurring grant from Government; (i) to enable the Society to carry on its ordinary activities during the period of re-building and (ii) to meet the great expansion of these activities in recent years. Under the latter head some provision should certainly be made for a permanent General Secretary or an Assistant Secretary. Spl. Fin. Com. 11-12-45.

Authority for payment of bills by the General Secretary and the Treasurer till next Finance Committee meeting. Authorize payments and report to the next meeting of the Finance Committee. Fin. Com. No. 4. 11-12-45.

Recommendations of the Special Finance Committee meeting on 11-12-45 (containing Budget estimates for 1946). (i) Accept the estimates proposed by the Special Finance Committee. (ii) With regard to the note of the Special Finance Committee about financing the Society's new building it was resolved to call a meeting of the Building Committee on Thursday, the 27th December, 1945, at 5-30 p.m., and their recommendations should be considered by a Special Finance Committee and by the Special Council on Saturday, the 29th December, at 11 and 11-30 a.m. respectively. Council No. 7. 17-12-45.

GRANT.—Draft of a letter to be sent to the National Institute of Sciences of India in connection with the grant of Rs.500 received by the Society from the Rockefeller Foundation through the National Institute. Dr. Hora be requested to redraft the letter and forward it to the National Institute on behalf of the Society. Council No. 9. 22-5-45.

Letter from the Private Secretary to H.E. the Governor of Bengal intimating the sanction of the Government of Bengal of Rs.50,000 to the Society for publication of works hitherto unpublished relating to the history of Bengal-Bihar as a result of the Society's deputation to His Excellency. Accept with thanks. The General Secretary to send a reply to the Government. Council No. 8. 27-11-45.

INSTITUTIONAL MEMBERSHIP.—Application for Institutional Membership from the New Asiatic Vedic Research Society, Jaipur City. Enquire from the applicant with regard to the scope, aims and objects of the institution before admitting it as an Institutional Member. Council No. 6(b). 17-4-45.

Application for Institutional Membership from Prachya Kala Niketan, Jaipur. Accept and report for information to the next Ordinary Monthly Meeting. Council No. 9(b). 17-4-45.

LECTURES.—Report fixing of a course of four general lectures to be delivered to the Society on the subject of 'Hinduism and its Developments' by Swami Sharvananda on 20th, 21st, 27th and 28th February. Approved. Council No. 12. 24-1-45.

Offer by the President to give a lecture on 'Atomic Bomb' at the Society. Record with thanks; approach H.E. the Governor of Bengal, the Patron, through the Private Secretary, with a request that he may preside over the meeting and fix a date to suit his convenience. Council No. 7. 21-8-45.

Report by the General Secretary that Dr. S. L. Hora has offered to give a General Lecture to the Society on Friday, the 31st August, at 6 p.m., on 'The Present scarcity and High Price of Fish in Calcutta'. Accept the offer and convey the thanks to Dr. Hora. Council No. 11. 21-8-45.

General lectures, winter session, 1945-46. Sir Geoffrey Betham and Col. D. H. Gordon be requested to give lectures to the Society. Council No. 11. 21-9-45.

The General Secretary reported that he has received a promise from Dr. R. Mortimer-Wheeler, Director-General of Archaeology in India, of giving a special lecture to the Society, and also to convey the greetings and invitations of the Society to the Academies of Iran, Afghanistan, etc., which he is going to visit. Convey the thanks of the Society to Dr. Mortimer-Wheeler. The General Secretary to send the necessary papers to him before his departure. Council No. 14. 21-9-45.

LIBRARY.—Appointment of cataloguers for preparing a brief catalogue of uncatalogued MSS. in the Islamic Section. Appoint Mr. Sultanul Alam Chaudhuri, M.A., and Mr. Shibli Ibrahim, M.A., for briefly cataloguing Arabic and Persian MSS. respectively, on piece basis, at the rate of annas eight for every work catalogued. Library Committee (Selection Board) No. 1. 16-1-45.

Recommendation of the Selection Board for appointment of a cataloguer in the Islamic Section. Accept. Library Committee No. 2. 16-1-45.

The question of bringing back the rare possessions of the Library from outside. Recommend to Council that the rare possessions of the Library be brought back. Library Committee No. 4. 10-4-45.

Request from Mr. S. Sengupta, non-resident member, for permission to take out books from the Library. Grant. Library Committee No. 5. 16-1-45.

Librarian reported that the following books had been received for review: (1) Saksena: Nature of Consciousness in Hindu Philosophy (1 copy); (2) Dighe: Peshwa Baji Rao I and Maratha Expansion (1 copy). Arrange for reviews by (1) Dr. S. C. Chatterjee, (2) Dr. N. K. Sinha. Library Committee No. 7. 16-1-45.

Request from Mr. S. M. Imamuddin, Research Scholar, Cal. University, for permission to copy the MS. of Makhzan-i-Afghina in the Society's Library. Grant. Library Committee No. 2. 16-2-45.

Librarian reported that the following books had been received for review: (1) Sivaramamurti: Epigraphical Echoes of Kalidasa; (2) Munshi: Glory that was Gurjaradesa, pt. III; (3) Dhurtakhyana of Haribhadra Suri; (4) Jnanadipika Mahabharata. Tatparyatika; (5) Jaina pustaka prasasti-Samgraha; (6) Bhagavad-gita Bharatiya Darsanacharcha. Publish notice only. Library Committee No. 6. 16-2-45.

Librarian reported that Dr. Muhammad Sanaullah, Archaeological Chemist, Govt. of India, visited the Library on the 13th and the 14th February last and made the following suggestions, among others, for preservation of books and manuscripts in the Library: (1) Immediate removal of books from the rooms downstairs; (2) Fumigation of the total stock of the Library in Vacuum fumigating plants by arrangement either with Railway or the Tramway Authorities; (3) Repair of decayed MSS. with Japanese tissue paper in case of very brittle and faded copies. During pendency of the war, try dehydration on the lines recommended by Dr. K. N. Bagchi. Find out from the Railway and the Tramway Authorities what assistance they would be prepared to give for fumigation of our books and MSS. Continue repairs and report as to the ways and means concerning lamination. Library Committee No. 7. 16-2-45.

Request from the Vice-Chancellor, Delhi University, to place the History Department of the University on the distribution list for surplus and duplicate coins of the Society. Accept. Library Committee No. 8. 16-2-45.

Consideration of the question of keeping the Library and Reading Room open until 7 p.m. daily, except Sundays, for the convenience of members who are unable to make use of them during ordinary office hours. Resolved: (1) That as an experimental measure for three months the General Secretary shall arrange, without additional expenditure, for the Society's Library to remain open daily from 10 a.m. to 7 p.m. (Sundays and gazetted holidays excepted) with effect from 1st March, 1945; that half the Library staff be allotted duties in alternate weeks to attend (a) from 10 a.m. to 5 p.m. and (b) from 12-30 to 7 p.m. and that a circular letter be issued to all Resident Members informing them of these arrangements. The General Secretary will report to the Council the result of this measure after the expiry of the experimental period. (2) That new books and periodicals except the star-marked publications be exhibited for a month at a prominent place for inspection by the members. (3) That the Amenities Committee to consider how the Library and the Reading Room can be made more useful to the members. Council No. 10. 19-2-45.

Appointment of a Chairman and a Secretary to the Library Committee. Dr. K. N. Bagchi and Dr. N. Dutt to be Chairman and Secretary respectively of the Committee. Library Committee No. 1. 14-3-45.

Consideration of the question of passing some working rules regarding loan of books from the Library. (1) The general offices be removed downstairs to the eastern rooms; (2) The Coin Room be kept reserved for use of the Library; (3) The Library, as far as possible, be accommodated on the first floor; and (4) Supplementary rules and other matters arising out of the proposals of the Amenities Committee be considered by a sub-committee consisting of Khan Bahadur K. M. Asadullah, Dr. K. N. Bagchi and Dr. N. Dutt. Report of the sub-committee be circulated. Library Committee No. 9. 14-3-45.

Librarian reported that the following books had been received for review: (1) Descriptive Catalogue of Sanskrit and Prakṛta MSS. in the Library of University of Bombay, Books I and II; (2) Hindu Colonies in the Far East. Arrange for review by (1) Dr. Nalinaksha Dutt, (2) Mr. S. K. Saraswati. Library Committee No. 10. 14-3-45.

Letter from Mr. C. W. Gurner, dated the 19th March, proposing to place on loan in the Library of the Society his own library of the Greek and Latin Classics (about 150 volumes in the Loeb Series of texts and translations). Accept the offer with thanks on the conditions mentioned in the letter. Council No. 25. 21-3-45.

Report of the Sub-Committee appointed for consideration of some supplementary regulations for the Library. Accept the following changes in Library Regulations

Nos. 7, 10 and 12 as approved by the Sub-Committee: (1) Substitute 'loose Journals shall not be issued' for regulation No. 7. (2) Substitute '3 books or 6 volumes' for '10 sets of books' in lines 1 and 2 of regulation No. 10. (3) Substitute 'two' for 'three' in line 3 of regulation No. 12. Library Committee No. 6. 10-4-45.

Request from Mr. A. C. Maitra, M.A., B.L., a security prisoner in the Presidency Jail, for permission to use the Library of the Society in connection with his studies on Indian Architecture in relation to the Silpasastras. Decline. Library Committee No. 9. 10-4-45.

Librarian reported that the following book had been received for review: (1) Katre: Prakrit Language and their contributions to Indian Culture. Record. Arrange for review by Prof. S. K. Chatterji. Library Committee No. 11. 10-4-45.

Proposal of the President to have a whole-time Librarian for the Society. The Council agreed to the proposal of the President that there should be a whole-time Librarian for the Society first on a three-year basis on a salary Rs.250—15—310. The President gave a draft advertisement which was approved and it was agreed that the advertisement would be issued immediately. Council No. 19. 17-4-45.

Consideration of the report of Dr. Muhammad Sanaullah on preservation of books and MSS. in the Society's Library. His recommendations are: (1) Repair of damaged MSS. and books with Japanese tissue paper and cellulose acetate adhesive films; (2) Vacuum fumigation with 'Carboxide mixture'; (3) Installation of air-conditioning system; (4) Removal of books and MSS. from rooms downstairs; (5) Microfilming of rare and highly decayed MSS. (1) Continue lamination with Japanese tissue paper. (2) and (3) Ask for quotations. (4) Find out accommodation and ask for quotation for necessary changes. (5) Begin microfilming when films are available. Library Committee No. 3. 15-5-45.

Consideration of the rate of remuneration to be paid to Pandit Nani Gopal Banerji for the Introduction and Index to the Summary Catalogue of Indian Museum Collection of MSS. Pay remuneration at the rate of Rs.2-8-0 per printed page. Library Committee No. 2. 15-5-45.

Application from Pt. Nani Gopal Banerji for an advance of Rs.200 towards his remuneration for the Summary Catalogue of Indian Museum Collection of MSS. Decline. Library Committee No. 4. 18-9-45.

The President informed the Council of a letter addressed to him from Khan Bahadur K. M. Asadullah in connection with the Society's advertisement for a Librarian that appeared in the *Statesman*. After discussion it was resolved to insert a smaller advertisement in papers: in Calcutta (*Statesman*), Bombay (*Times of India*), Madras (*Hindu*), and the full advertisement in Lahore (*Tribune*) and Delhi (*Hindusthan Times*) extending the last date of receiving applications to 30th June, 1945. Council, No. 1. 22-5-45.

Librarian reported that the following publications had been received for review: (1) Bharata-Kaumudi; (2) Tarikh-i-Gujrat, translated into Urdu by Shabih Ahmad. Record and arrange for reviews by: (1) Prof. S. K. Chatterji, (2) Prof. M. M. Haq. Library Committee No. 6. 12-7-45.

Librarian reported that a manuscript of Narapatijayacharya, copied in 1582 Saka Year=1660 A.D., had been purchased for the Sanskrit Section for Rs.100 only. Record. Library Committee No. 7. 12-7-45.

The following matters were reported: (a) Advance of Rs.400 paid to the Librarian, Benares Hindu University, to cover carriage, coolie, etc., for transit of packing boxes, containing Society's books and MSS. from the University buildings to Benares Cantt. Approved. Letter of thanks be sent to the Benares Hindu University and to Rai Bahadur N. C. Ghosh for the kind offices in connection with their transport to Calcutta. (b) Advertisement charges paid for the post of Librarian of the Society—Rs.140. Approved. Fin. Com. No. 3. 20-7-45.

Request from the Managing Director, Journal of the Travancore Univ. Oriental MSS. Library, for an exchange of the Society's Journal with the Journal of their Library. Grant in respect of Journal, Letters only. Library Committee No. 2. 14-8-45.

Request from the Hony. Secretary, Marwari Association, Calcutta, for an exchange of the Society's Journal with the Marwari Association Bulletin. Decline. Library Committee No. 3. 14-8-45.

Request from the Curator, Provincial Museum, Lucknow, for an electroplated cast of the Sohgaure Copper-plate, now in the Society's Library. Supply plaster cast only. Library Committee No. 8. 14-8-45.

Recommendation of the Library Committee Meeting of 14-8-45. (1) Accept. (2) With regard to item No. 12 in the minutes, the question of appointment of a full-time Librarian, the recommendation is modified as follows: The post be offered to Mr. Saraswati for three years from the time he joins as a full-time Librarian on a consolidated salary of Rs.310. He is requested to take a Librarian's Diploma from a recognized institution within one year. Council No. 4. 21-8-45.

Proposal from the President for exchange of the Society's Journal with 'Sumer', a journal of Archaeology in Iraq. Accept. Library Committee No. 5. 18-9-45.

Letter from the Secretary, Museum of Fine Arts, Boston, re. Bulletins of the Museum. Arrange exchange. Library Committee No. 6. 18-9-45.

Letter from Dr. R. C. Majumdar, dated the 18th September, reporting the find of two ancient copper coins and offering them to the Society's coin cabinet. Accept with thanks. Dr. Majumdar be requested to make a communication on them at a Monthly Meeting of the Society. Council No. 13. 21-9-45.

Recommendation of the Library Committee, dated 18-9-45, to allot an extra amount of Rs.500 for the purchase of books this year. Recommend to the Council to sanction Rs.500 from the General Fund. Fin. Com. No. 7. 21-9-45.

Consideration of the following recommendations of the Library Committee: (a) Allotment of a further sum of Rs.500 to meet binding charges of the Library books. Allot a sum of Rs.500 from the Sanskrit MSS. Fund. (b) Continuance of the services of Mr. P. C. Pal whose period of appointment will terminate this month. Mr. Pal to continue for one year on the present terms. Fin. Com. No. 5. 27-11-45.

Request from the Curator, Museum and Picture Gallery, Baroda, for an exchange of the Bulletin of the Baroda State Museum with the publications of the Society. Grant in respect of Journal, Letters only. Library Committee No. 4. 13-11-45.

Request from the Director, M. Gorki, Scientific Library of the Moscow University for a mutual exchange of publications. Accept. Library Committee No. 5. 13-11-45.

Request from Lt.-Col. D. Macdonald for permission to reproduce the portrait of Simon Nicholson in the revised edition of Crawford's History of I.M.S., now in preparation, and for microfilm copies of the title-page of Fryer's New Account of East India and Persia and of the portrait of the author, as given in the original edition. Grant permission. Library Committee No. 6. 13-11-45.

Question of the provision of an additional grant on binding account. Recommend to Finance Committee for an additional grant of Rs.500 only. Library Committee No. 11. 13-11-45.

Request from the Director, Kannada Research Institute, Dharwar, for mutual exchange of publications. Agree. Library Committee No. 2. 17-12-45.

MANUSCRIPTS, LOAN OF.—Request from the Curator, Bhandarkar Oriental Research Institute, Poona, for loan of a MS. of Anukramani-Kavivarana by Jagannatha. Grant as a special case against an indemnity bond. Library Committee No. 3. 16-1-45.

Request from the University Librarian, Central Library, Calcutta University, for loan of MSS. Kiranavali and Kiranavaliprakasa from the Library. Grant as a special case against indemnity bonds. Library Committee No. 6. 16-1-45.

Librarian reported that the MS. of Sharb'ul Kashshat lent to M. S. Alimuddin, had not been returned in spite of repeated requests. Request Dr. Ishaque to pay a personal visit and report. Library Committee No. 5. 16-2-45.

Request from Mr. M. G. Advani for loan of a MS. of Srutivilasa from the Society's Library. Grant. Library Committee No. 4. 14-3-45.

Request from the Curator, Bhandarkar Oriental Research Institute, Poona, for an extension of the loan of two MSS. of Carakasamhita for six months more. Grant extension for another three months more. Library Committee No. 5. 14-3-45.

Request from the Principal, Sanskrit College, Calcutta, for loan of a MS. of Nyayanibandhaprakasa by Vardhamana Upadhyaya from the Society's Library. Grant on usual terms against an indemnity bond. Library Committee No. 2. 10-4-45.

Request from the Principal, Visvabharati Vidyabhavana, for an extension of loan of two MSS. of Mahabharata. Grant extension. Library Committee No. 3. 10-4-45.

Application from Prof. Dinesh Chandra Bhattacharya of the Hooghly Mohsin College, for the loan of the MS. 'Anumana-Bhavaprakasa' belonging to the Society for months. Grant on usual terms under the responsibility of the President, R.A.S.B. Council No. 17. 17-4-45.

Request from Pandit N. C. Vedantatirtha for loan of MSS. of Kiranavali, Kiranavaliprakasa and Kiranavaliprakasavibhuti from the Society's Library and for requisition by the Society of MSS. of Bhuvanavaliprakasatika from the Govt. Oriental MSS. Library, Madras. (1) Grant against a general indemnity bond. (2) Requisition MSS. for his use from the Govt. Oriental MSS. Library, Madras. Library Committee No. 4. 15-5-45.

Request from Prof. Golap Chandra Ray Chaudhury, M.A., of Victoria Institution, Calcutta, for permission to consult and take down extracts from the MSS. in the Society's Library and to publish them in connection with his research on ancient and mediaeval Indian history with particular reference to the history of Rajputana. Grant permission and ask for reference from a member. Library Committee No. 4. 8-6-45.

Letter from Prof. D. C. Bhattacharya requesting requisition on loan of the manuscripts of (i) Tattvachintamanididhitiyakyabhavabodhini by Mahopadhyaya and (ii) Nyayalilavativyakhya ananyaya by Padmanabha Misra for him from the Adyar Library, Madras. Requisition. Library Committee No. 2. 12-7-45.

Request from Prof. D. C. Bhattacharya for loan of manuscripts of (i) Tattvachintamanitika by Pakshadhara Misra and (ii) Amritabindu by Chandra from the Society's Library, and his observations regarding valuation of manuscripts asked for on loan, and the number of manuscripts available for loan at a time. (1) Grant on usual terms against indemnity bonds. (2) Inform that modification of present basis of valuation is not possible. Library Committee No. 5. 12-7-45.

Request from the Librarian, Ewing Memorial Library, Lahore, for loan of manuscripts of (1) Bhaminivilasa and (2) Kavindrakalpadruma from the Society's Library. Grant on usual terms against indemnity bond. Library Committee No. 5. 14-8-45.

Request from the Principal, Sanskrit College, Calcutta, for an extension of loan of the MS. of Nyayanibandhaprakasa. Grant. Library Committee No. 6. 14-8-45.

Request from Dr. A. D. Pusalkar for loan of a manuscript of Vadesvarakavyam from the Society's Library, or for a certified copy of it if the loan is not possible. Grant on usual terms when available. Library Committee No. 7. 14-8-45.

Request from the Curator, Govt. Oriental MSS. Library, Madras, for loan of three MSS. of Jawahiral Asrar from the Society's Library. Grant loan, as a special case, against indemnity bonds as above. Library Committee No. 2. 18-9-45.

Request from the Curator, Bhandarkar Oriental Research Institute, Poona, for loan of the MSS. of Padyasamgraha and Bhartrihari satakas from the Society's Library. Grant loan against indemnity bonds as above. Library Committee No. 3. 18-9-45.

Request from Prof. S. Sarafuddin for loan of the MS. of Mirat-i-Maduri from the Society's Library. Grant if the Joint Philological Secretary recommends. Library Committee No. 8. 18-9-45.

Letter from the Director of Archives, Govt. of India, re. Palm-leaf MSS. in the Society's Library. Send two palm-leaf MSS. for investigation into the scientific methods of preservation. Library Committee No. 3. 13-11-45.

Letter from Prof. D. C. Bhattacharya requesting requisition on loan of the MS. of Sachcharitramimansa of Vidyanivasa and Atmatattvaprabodha of Raghava Panchandra from the Oriental Institute, Baroda. Requisition. Library Committee No. 7. 13-11-45.

Request from the Curator, Bhandarkar Oriental Research Institute, Poona, for loan of the MS. of Kalivarjya (No. 10074) from the Society's Library. Grant loan, as a special case, against indemnity bond as above. Library Committee No. 8. 13-11-45.

Request from Pandit N. C. Vedantatirtha for an extension of the loan of the MSS. of Kiranavali. Grant extension. Library Committee No. 9. 13-11-45.

Request from Prof. D. C. Bhattacharya for loan of a MS. of Didhiti Bhavartha by Ramakrishna from the Society's Library. Agree on usual terms against an indemnity bond as above. Library Committee No. 3. 17-12-45.

Request from the University Librarian, Calcutta University, for loan of the MSS. of *Tattvachintamaniprakasa* of Ruchidatta, *Pratyakshadidhiti* and *Pratyakshadidhittika* by Rudra Nyaya Vachaspati from the Society's Library. Agree on usual terms against indemnity bond. Library Committee No. 4. 17-12-45.

Request from the Director, Cheena Bhavana, Visvabharati, for loan of *Sardula Karna Vadeena* from the Society's Library. Agree on usual terms against an indemnity bond. Library Committee No. 5. 17-12-45.

Request from Syed Ala Husain for loan of a MS. of *Tarika-i-Habibi* or *Tadhkira-i-Murshidi* from the Society's Library. Lend on usual terms against an indemnity bond after the MS. is bound and repaired. Library Committee No. 6. 17-12-45.

MANUSCRIPTS, PURCHASE OF.—Question of the purchase of a MS. of *Majmu'ut Tawarikh* by Pandit Birbal. Purchase if the price does not exceed Rs.125. Library Committee No. 7. 15-5-45.

Recommendation for the purchase of four MSS. for a maximum of Rs.250 by Prof. M. M. Haq. They are: (a) *Kulliyat of Sadi* dated 996 A.H. (1587 A.D.) (b) Same (undated) with illustrations (in all 4 vols.). Accept the recommendations of Prof. Haq. The Maulvi be asked to check the pages of the MSS. and if the pages are wanting, the General Secretary should try to get the price reduced. Offer not to exceed Rs.300. Council No. 10. 22-5-45.

Recommendation by Dr. S. K. Chatterji for the purchase of a Bengali manuscript, *Narapatijayacharya*, for Rs.100. Purchase offering a price up to a maximum of Rs.100. Council No. 13. 15-6-45.

Librarian reported that the following MSS. were purchased for the Islamic Section: (1) *Majmu'ut Tawarikh* by Pandit Birbal; (2) *Kulliyat of Sadi*; (3) *Kulliyat of Sadi* (Illustrated); (4) *Hisne Hasin* (a collection of Hadith); (5) *An Arabic Prayer Book*. Record. Library Committee No. 5. 8-6-45.

MEDALS.—Appointment of Advisory Boards for the awards of the following medals at the Annual Meeting in 1946. The Boards to be constituted as follows:—

(a) *Barclay Memorial Medal (Medical and Biological Science):*

Biological and Medical Secretary *ex-officio*. Dr. S. C. Law. Dr. K. N. Bagchi. Dr. A. C. Ukil.

(b) *Annandale Memorial Medal (Anthropology):*

Anthropological Medical Secretaries *ex-officio*. Mr. K. P. Chattopadhyay. Mr. T. C. Das.

(c) *Dr. Bimala Churn Law Gold Medal (History, Philosophy, Architecture, etc.):*

Philological Secretary (Dr. Dutt). The donor, Dr. B. C. Law *ex-officio*. Dr. R. C. Majumdar. The Hon'ble Mr. Justice N. G. A. Edgley. Dr. S. K. Chatterji.

(d) *S. C. Roy Memorial Medal:*

Anthropological Secretary. A nominee of Mrs. Roy *ex-officio*. Mr. K. P. Chattopadhyay. Mr. L. R. Fawcus. Dr. K. Nag. Mr. T. C. Das.

Council No. 2. 21-9-45.

Recommendation of the 'Annandale Memorial Medal' Advisory Board. Accept the recommendation that no award of the medal be made for this year, but be postponed till the next year. Council No. 3. 17-12-45.

Recommendation of the 'R.B. S. C. Roy Memorial Medal' Advisory Board. Accept the recommendation—Mr. J. P. Mills. Council No. 4. 17-12-45.

Recommendation of the 'Barclay Memorial Medal' Advisory Board. Accept the recommendation—Dr. H. S. Pruthi. Council No. 5. 17-12-45.

Recommendation of the 'Dr. B. C. Law Gold Medal' Advisory Board. (i) Accept the recommendation—Mr. Percy Brown. (ii) In this connection the question of awarding medals to persons who are members of the Council or the committees was discussed. It was resolved to bring up this matter for thorough scrutiny by the Council at least three months in advance of the next meetings of the Medal Advisory Boards. Council No. 6. 17-12-45.

MISCELLANEOUS.—Report of Prof. A. V. Hill on 'Scientific Research in India' containing reference about the Society. Record. Council No. 2. 19-2-45.

Consideration of the question of making the ordinary monthly meetings more attractive to the members. Consideration of the question of making the public rooms of the Society more comfortable and attractive. An Amenities Committee be constituted with the Hon'ble Mr. Justice Edgley, Dr. N. Dutt, Mr. Percy Brown, Dr. W. G. Griffiths, and the *ex-officio* members (with power to co-opt) to make recommendations. Council Nos. 8 and 9. 19-2-45.

The question of reprinting the Rule Book of the Society. Reprint 1,000 copies after thorough revision and incorporation of additions and amendments. Council No. 13. 22-3-45.

Letter from the Keeper of the Records, Government of Bengal, enclosing a letter from the Secretary, Indian Historical Records Commission, regarding Historical Exhibition in connection with the Twenty-second Session of the Commission at Peshawar. Decline. Library Committee No. 4. 12-7-45.

Letter from Dr. M. Ishaque, dated 13-6-45, containing his opinion on the draft memorandum on the Indo-Iranian Association. Approved and communicate it to the Government of India. Council No. 1. 20-7-45.

The President also placed before the meeting certain correspondence received from the Hon'ble Mr. Justice Edgley by Air Mail from England with regard to establishing cultural relationship between the United Kingdom and India. Record. Council No. 14. 21-8-45.

Report of the Society's representatives in connection with the development of cultural relations with Great Britain. Resolved that a vote of thanks to the Society's representatives be recorded.

Further resolved that the Report be adopted and the recommendations contained therein be accepted. It was decided forthwith to address the Government of India with a request for the grant to meet the travelling expenses of persons invited to attend the Indian Cultural Relations Committee and also in connection with the secretarial and other incidental expenses likely to be incurred by the Committee.

In the meantime, the Societies, local Governments and other persons to represent learned opinion in India be addressed on the basis of a list placed before the Council by the Hon'ble Mr. Justice Edgley. Details with regard to the further development of the scheme should be worked out by a Committee consisting of the Hon'ble Mr. Justice Edgley, Mr. Benthall and Dr. Ishaque together with the *ex-officio* members. Council No. 5. 27-11-45.

Letter from the Govt. of Bengal requesting the Society's views with regard to the administration of the Dacca Museum. Ask for more particulars so that the Society may give its considered opinion. Council No. 19. 27-11-45.

Letter from Mr. S. K. Basu, Member, R.A.S.B., requesting the Society to send an application form for membership to Prof. B. V. Raman of Bangalore. (Note.—In 1940, the Council rejected the application for membership from Prof. Raman on the ground that he is an astrologer.) No action. Council No. 23. 27-11-45.

Report issue of a letter to the Govt. of India in connection with the development of cultural relations with Great Britain after approval by the Committee appointed for the purpose at the last Council meeting on 27-11-45. Circulate to the members of Council for information. Council No. 1. 17-12-45.

PICTURES.—The question of bringing back the 10 pictures from the Government House in Darjeeling. The General Secretary to arrange for the bringing back of the pictures and the busts. Council No. 3. 15-6-45.

Report receipt of a presentation of painting of Himalaya from Dr. N. Roerich, a member of the Society. Accept and convey the thanks of the Society to the donor. Spl. Council No. 4. 29-12-45.

Estimate for bringing pictures from Darjeeling. Not approved; authorize the Superintendent to bring the pictures from the Govt. House. Council No. 15. 17-12-45.

PUBLICATIONS.—Request from the American Consul General for free distribution of Society's publications to the Library of Congress, Washington. Accept on the basis of reciprocity. Library Committee No. 4. 16-1-45.

Letter from the Director of Archaeology, Baroda, intimating that the name of the Royal Asiatic Society of Bengal has been placed on the distribution list of the State Archaeological Publications on an exchange basis. Exchange Journal, Letters only. Library Committee No. 4. 16-2-45.

Recommendations of the Publication Committee of 14-3-45. Accept. With regard to the 'Mahavyutpatti' recently compiled and published in the 'Memoirs' it was decided that the General Secretary issue a circular letter to all the members to enquire from them whether they would need the publication in view of the technical nature of its contents, stating at the same time that if no reply is received from any member within a month, it would be taken for granted he would not need it. Council No. 6. 21-3-45.

The three papers of Dr. P. Saran: (1) Development of Administrative Policy of the Sultans of Delhi, (2) Administrative Policy under the Khiljis, and (3) Frontier Policy of the Sultans of Delhi (referred by the Publication Committee to the Council). Refer to Sir Jadunath Sarkar. Council No. 7. 21-3-45.

Letter from Mr. L. R. Fawcett, dated the 22nd March, about the aboriginal tribes of India. Record, pending the receipt of replies on the subject from other gentlemen who have been consulted. Cultural Advisory Board No. 7. 27-3-45.

Letter from Mr. Chandmull Batia suggesting publication of a supplement to the Catalogue of 1934. Inform that it is not possible to print any supplementary catalogue for the present. Library Committee No. 8. 10-4-45.

The three papers of Dr. P. Saran, referred to Sir Jadunath Sarkar for opinion by the last Council. Return the papers to the author, together with a copy of the opinion without disclosing the name of the referee. Council No. 14. 17-4-45.

Report of Prof. C. Chakravarti regarding the Descriptive Catalogue of MSS. Misc. Volume. Record and request completion. Library Committee No. 3. 12-7-45.

Letter from Dr. B. C. Law, dated the 17th August, forwarding the typescript of his English translation with note, etc. of 'Thupavamsa' for publication in the Bibliotheca Indica Series and offering to bear the entire cost of printing it. Accept the offer with thanks. An effort should be made to get the work printed in the Bibliotheca Indica Series within the time specified by Dr. Law. Council No. 12. 21-8-45.

Report payment of Rs.178-1-0 for Railway Freight, etc. for bringing book boxes containing Society's publications from the Allahabad University. Payment approved. Fin. Com. No. 4. 21-9-45.

Request from Prof. Y. D. Ahluya for loan of the MSS. of Diwan-i-Iraqi (No. 523) and Lataif-i-Ashrafi (No. 1214/E 166) from the Society's Library. Lend on usual terms against indemnity bonds. Library Committee No. 2. 13-11-45.

The question of continuing the advertisement for the sale of the Society's publications in the *Modern Review* and other journals. Prepare statement. Council No. 11. 27-11-45.

Consideration of the continuance of advertisement for the sale of the Society's publications in the *Modern Review* and other journals. Continue advertisements. Council No. 13. 17-12-45.

REPRESENTATION.—Nomination of a representative of the Society to serve on the Indian History Records Commission (Publication and Research Section) in place of Mr. C. W. Gurner, resigned. Mr. Mohibbul Hasan Khan, Lecturer, Calcutta University, and a member of the Society, be the Society's nominee. Council No. 1. 21-3-45.

Representation of the Society on the Selection Committee of the Calcutta University for the selection of a Kamala Lecturer for 1945. Dr. R. C. Majumdar be the Society's nominee. Council No. 2. 21-3-45.

Representation of the Society on the Selection Committee of the Calcutta University for the award of the Sarojini Basu Medal for 1945. Dr. B. C. Law be the Society's nominee. Council No. 3. 21-3-45.

Circular letter from the General Secretary, Deccan History Conference, requesting the Society to represent the Society at the conference. Rao Bahadur K. N. Dikshit be requested to represent the Society. Council No. 20. 21-3-45.

Representation of the Society on the Indo-Iranian Standing Committee of the Govt. of India. (Note.—Dr. Ishaque has been nominated to represent the Society by the Council in circulation.) Confirm. Council No. 1. 22-5-45.

Mr. Khaitan (representative on the Board of Trustees of the Indian Museum) informed the Council that no definite reply was received by him from the Secretary re. the Society's collection of Natural History objects held in trust by the Indian

Museum. Resolved to request Dr. Hora to draft a letter showing the urgency of the return of our valuable collection. Council No. 15. 22-5-45.

Representation of the Society at the 8th session of the Indian History Congress to be held at Annamalaiagar in December 1945. Dr. R. C. Majumdar and Dr. H. C. Ray of the Colombo University be requested to represent the Society. Council No. 1. 21-8-45.

Representation of the Society on the Council of the National Institute of Sciences of India for 1946. Dr. S. P. Agharkar and Dr. K. N. Bagchi to represent the Society as an additional Vice-President and an additional member of Council respectively for 1946. Council No. 25. 27-11-45.

Representation of the Society at the Silver Jubilee Celebrations of the Royal Institute of Science, Bombay. (Note.—Dr. S. P. Agharkar, a Vice-President of the Society, represented the Society at the celebrations.) Record. Council No. 16. 27-11-45.

RESEARCH FELLOWSHIP.—Letter from the Government of Bengal, Education Department, intimating the sanction of a grant of Rs.7,200 annually for two years for the creation of four Research Fellowships. Accept with thanks. The General Secretary to send a suitable reply to the Government.

It was also resolved to have the four Fellowships named after Sir William Jones (Sanskrit Studies), James Prinsep (Epigraphy and Numismatics), Rajendra Lala Mitra (Buddhist Studies), and H.E. Mr. R. G. Casey (Islamic Studies). Permission to be obtained from His Excellency if the Fellowship can be named after him.

It was also resolved that a sub-committee be constituted with the *ex-officio* members and Dr. N. Dutt, Dr. M. Z. Siddiqi, and Mr. C. W. Gurner for drafting rules relating to the award of Fellowship. Council No. 9. 27-11-45.

Letter from Sir Jadunath Sarkar recommending the appointment of Prof. N. B. Roy for work in connection with the preparation and printing of the Source Book of the History of Bengal. Accept the suggestion of Sir Jadunath Sarkar and appoint Prof. Roy on the following terms: (a) A consolidated salary of Rs.260 a month, rising in the second year to Rs.280; (b) He will be entitled to the Provident Fund like other servants of the Society; (c) His first engagement will be for two years after which it can be renewed by mutual agreement; (d) He will not be free to take up any other regular salaried work, such as a college lectureship, but may deliver short courses like memorial lectures in his leisure time; and (e) Every three months he will have to submit a report of his work, attested by Sir J. N. Sarkar (or by the President of the Society in his absence) as satisfactory. A Research Fellowship Committee to be formed for drafting rules. Council No. 17. 17-12-45.

STAFF.—Consideration of the continuation of the services of Mr. D. Burman, Publication Dept. Continue till 31-12-45. Fin. Com. No. 4. 24-1-45.

Consideration of the Special Board's report regarding the pay and conditions of service of the staff. Report be referred back to the Board with Dr. Dutt's note. The final report to come to the Council with the observations of the Finance Committee regarding financial implications. The outgoing and the incoming Presidents to be co-opted as additional members of the Board. Council No. 15. 24-1-45.

Confirmation of the personnel of the Special Staff Board, appointed by the Council in December 1944. Confirm. Three members to constitute a quorum for the meeting. Council No. 7. 19-2-45.

Application from Duftry Asher Ali to be allowed to join the Society's Provident Fund. Permission may be granted. Fin. Com. No. 7. 19-2-45.

Estimate from Messrs. B. C. Nawn & Co. for menials' summer clothing (13 coats at Rs.9-8-0 each; 8 pugrees at Rs.6-2-0 each; 4 umbrellas at Rs.10 each; lettering at annas 2 per letter; totalling in all Rs.220 approximately). Accept. Excess over the budget to be paid from General Funds. Fin. Com. No. 3. 21-8-45.

Consideration of the recommendations made by the Staff Board, appointed by the Council in December, 1944. The Special Finance Committee approves the proposal contained in the report of the Special Staff Board, dated 22-2-45, and, having taken into consideration the report of the Honorary Treasurer, they are of opinion that the Society can afford the additional expense involved by the proposals. They suggest, however, (1) that the additional stenographer should not be appointed until the General Secretary has submitted to the Council detailed programme regarding the nature of his duties; (2) that the recommendation regarding appointment of a whole-

time Librarian and Publication Clerk should be referred respectively to the Library Committee and Publication Committee; (3) that the question of retiring Ahmed be referred to the Bibliotheca Indica Committee with the comments of the Joint Philological Secretary. Spl. Fin. Com. 14-3-45.

The Board, after considering a statement prepared by Mr. Justice Edgley and Dr. Dutt, and taking into account the recommendations made by it at its first meeting held on 15th January, 1945, resolved unanimously to submit the following final recommendations: (1) That a maximum retiring age for members of the staff should be fixed at 60. In the case of efficient members the age limit may be extended to 65 at the discretion of the Council. (2) That the question of appointing an Assistant Secretary should be dropped for the present. (3) That the Librarian should be a whole-time incumbent, his salary being on the scale of Rs.200—15—310 per month; and that so long as the present incumbent continues as a part-time Librarian, his present terms are sufficient. In the event of his being appointed permanent Librarian, however, he should be given special consideration as regards the point at which he should enter the scale. (4) That the pay of the Superintendent should be on the scale of Rs.250—15—310 per month, but that so long as the present incumbent holds the post he should be given a pay of Rs.280—15—310—20—350. (5) That there should be five Senior Assistants on the scale of Rs.125—15/2—200 per month. These should include the Cashier, the Publication Clerk (if whole-time) and a first class stenographer. The present Publication Clerk may continue as a part-time incumbent until a competent full-time man becomes available. The new post of stenographer should be advertised immediately. (6) That there should be eight Junior Assistants on the scale of Rs.60—5—125 per month, and two temporary cataloguers. One of the posts should be held by a stenographer, who should be given a special allowance of Rs.20 per month. (7) That the above-mentioned scales of pay should be exclusive of the present dearness allowance. (8) That the existing members of the staff should be brought into the revised scales of pay. Ray, Chakravarti and Ahmed should be brought into the Senior Assistants' grade on their present pay, and the remainder of the clerical staff into the Junior Assistants' grade on their present pay, except that Michael should be given a pay of Rs.90 plus the stenographer's allowance of Rs.20 per month. (9) That the question of retiring Ahmed on a suitable gratuity should be considered. In the event of his retiring, Gupta should be considered for promotion to the Senior grade. (10) That it should be understood that the increments of pay are conditional on the members of the staff performing their duties efficiently, and that the increments in each case should be sanctioned by the Council at the beginning of each year. (11) That the menial staff should be given the benefit of the Provident Fund with appropriate rules suited to the special circumstances applicable to them. (12) That the above recommendations should be given effect retrospectively from the 1st of January, 1945. Spl. Fin. Com. 27-3-45.

To consider the report of the Special Staff Board, dated the 22nd February, 1945. (The report.) At the outset the Honorary Treasurer, Mr. K. P. Khaitan, placed a statement showing financial position before the meeting. It was resolved to recommend to the Council to adopt the report of the Special Staff Board, dated 22-2-45, with the following modifications: (1) Para. 3. The initial salary of the Librarian should be Rs.250 instead of Rs.200. (2) Para. 11 is deleted and instead thereof the following is substituted: The menials of the Society should be classified as follows: Class A—Duffries, Jamadar and Durwan on grade of Rs.20— $\frac{1}{2}$ —30. Class B—Chaprasis, Bearers, Mali and Sweepers on grade of Rs.16— $\frac{1}{2}$ —25. The new grades be given effect from 1st January, 1945. Persons drawing a salary below Rs.20 p.m. should be entitled to gratuity at the rate of half a month's salary per year of service and those who draw Rs.20 or above should be entitled to the benefits of the Society's Provident Fund. Spl. Fin. Com. 27-3-45.

Resignation of Mr. B. C. Bose, Assistant in the General Section of the Library. Accept. Advertise for the post. Library Committee No. 5. 10-4-45.

Appointment of an Assistant in the Library, General Section, in place of Mr. B. C. Bose, resigned. Appoint Mr. D. L. Banerji on a starting salary of Rs.100 on grade of Rs.75—5—125 per month. Library Committee No. 5. 15-5-45.

Application from the staff for increase in the dearness allowance in pursuance of the Bengal Govt. Notification. Apply to the Bengal Govt. for a special grant to recoup the amount spent in that account from Society's funds; in the meantime circulate the application with the relevant papers to the Council. Fin. Com. No. 3. 22-5-45.

Applications from P. C. Pal and K. G. Saha for restoration of salary deductions made in April for absence without leave. To be rejected. Fin. Comm. No. 6. 22-5-45.

General Secretary reported that on the recommendation of Khan Bahadur K. M. Asadullah, Mr. Sibdas Chaudhuri had been appointed a Cataloguer in the General Section of the Library in place of Mr. D. L. Banerji, formerly Cataloguer and now an Assistant in the General Section. Approve. Library Committee No. 2. 8-6-45.

Consideration of giving increased dearness allowance to staff and menials. The Honorary Treasurer reported that a sum of about Rs.1,800 could be spared from the current budget to meet the demand of the dearness allowance to the staff. After discussion it was decided to recommend to the Council to increase the existing dearness allowance by Rs.6 to menials, Rs.7 to the clerical staff and Rs.11-6-0 to the Superintendent with effect from 1st June, 1945, on the understanding that ungrudging service should be rendered by the staff to the Society, especially in view of the forthcoming Bicentenary Celebrations and the proposed construction of a new building of the Society. It was further resolved that the work of the staff must be reviewed periodically, so as to ascertain that the pay and allowance are being justifiably earned by each individual member of the staff. Fin. Com. No. 5. 15-6-45.

Appointment of a full-time Librarian for the Society. Mr. Saraswati be appointed full-time Librarian on Rs.280—15—310 on condition that he takes a Diploma in Librarianship from a recognized institution; if Mr. Saraswati be not accepting, preference to be given to Mr. D. K. Biswas. Library Committee No. 12. 14-8-45.

Increment of salary due to S. K. Saraswati, Librarian, from 1st August, 1945 (appointed on Rs.150—25—200 with effect from 1-8-43). Grant. Fin. Com. No. 3. 21-8-45.

Application from D. L. Banerji, Library Assistant, to join the Provident Fund of the Society. Grant. Fin. Com. No. 3(b). 21-9-45.

General Secretary to report that the term of service of Mr. P. C. Pal, assistant for records and archives of the Society, expires this month. Recommend to Finance Committee and Council for extension for one year more. Library Committee No. 12. 13-11-45.

Letter of resignation from Mr. D. Burman in charge of the Publication Department. Accept resignation and distribute work of the Publication Department among the office staff provisionally. Council No. 12. 27-11-45.

Application from Pandit Girijanath Bhattacharya praying sanction of salary for the leave taken in excess of the leave allowed under Society's Regulations. Recommend 18 days' half-pay for December without dearness allowance. Spl. Fin. Comm. No. 4. 29-12-45.

TEA PARTY.—Correspondence from the Department of Public Relations, Govt. of Burma, Simla, requesting the Society to arrange a tea party in connection with the opening of the Burma Information Centre in the Society. Grant permission to hold the tea party in the Society's hall on 9th March. Intimate by wire that according to the Ration Regulations the tea party be limited to 50 people, and invitations be issued under their own name. The Burma Research Society to meet all expenses relating to the party. Council No. 21. 19-2-45.

Farewell to Mr. C. W. Gurner. Arrange a tea party for Wednesday, the 2nd May, the cost of which shall be met by members of the Council attending the party. Council No. 18. 17-4-45.

Tea party in connection with the Bicentenary on Sunday, the 6th January, 1946, and how to meet its expenses. (Estimate from Messrs. Flurys & Trinca, Caterers.) Recommend that a total sum of Rs.750 be sanctioned for this purpose on the assumption that not more than 300 guests are likely to attend. The Society will provide tables and chairs. Alternative estimates from other catering firms should be obtained and the Secretary should accept the estimate which appears to be most satisfactory in all respects. Spl. Fin. Com. No. 2. 29-12-45.

VISIT.—Report of visit to the Society of Lady Dorman-Smith, wife of the Governor of Burma, on Monday, the 19th March, at 10-30 a.m. Record. Council No. 23. 21-3-45.

Letter from the Private Secretary to H.E. the Governor of Bengal enquiring about any suitable occasion for presenting the MS. letters of Sir Joseph Banks on the foundation of the Botanical Gardens at Sibpur. Record with thanks. Postpone consideration till the return of President from Russia. Council No. 11. 15-6-45.

Letter from the Private Secretary to H.E. the Governor of Bengal containing H.E.'s desire to present the manuscript letters of Sir Joseph Banks formally at a meeting

to the Society on behalf of the Royal Society. Write to the Private Secretary that Monday, the 6th August, at 5-30 p.m., will be a suitable day and hour for His Excellency to present the manuscript letters to the Society at the Monthly Meeting; Mr. Fawcus to enquire on behalf of the Council from H.E. whether it will be convenient for His Excellency and Mrs. Casey to have tea with the members of Council on that day at 4-30 p.m. If the invitation is accepted, special tea will have to be arranged. If the day found to be not suited to H.E., another day for a meeting will have to be fixed in consultation with the Private Secretary either in August or September. Council No. 2. 20-7-45.

Report visit of His Excellency the Governor of Bengal on Monday, the 6th August, 1945, in connection with the presentation to the Society of the manuscript letters of Sir Joseph Banks on behalf of the Royal Society. Record; the General Secretary to see that the letters are copied in triplicate as early as possible so that Dr. S. P. Agharkar and Dr. Kalipada Biswas may report on them. Council No. 10. 21-8-45.

The proposed visit of H.E. the Viceroy to the Society on Monday, the 10th December, and adoption of the suggested programme, including the tea party. Accept. For the tea party ten members to be invited in addition to the members of Council. Council No. 1. 27-11-45.

Report visit to the Society on Monday, the 10th December, 1945, by H.E. the Viceroy. Record. Council No. 2. 17-12-45.

APPENDIX III.

MEMORANDUM SUBMITTED BY THE COUNCIL TO THE SOCIETY'S PATRON, H.E. FIELD MARSHAL VISCOUNT WAVELL, P.C., G.C.B., G.M.S.I., C.M.G., M.C., VICEROY AND GOVERNOR-GENERAL OF INDIA, DURING HIS VISIT TO THE SOCIETY ON MONDAY, THE 10TH DECEMBER, 1945, REGARDING THE NEED FOR A NEW BUILDING.

For twenty years since its inception in 1784, the Society had no house of its own and its meetings were held in the Grand Jury Room of the old Supreme Court. In 1804, the Government, under the generous instruction of Lord Wellesley, granted a plot of land to the Society, at the corner of Park Street and the Chowringhee Road, which had been previously in the possession of a Riding School. Another portion of land situated to the west of this plot was subsequently given to the Society by the Government in 1849.

In 1805, the Society undertook to provide a building for its own use. It was designed by Capt. Locke of the Bengal Engineers and after some modifications of the plan, the present building was completed and the Society took possession in 1808. The building is now 137 years old, and is one of the oldest buildings in Calcutta.

The idea of including a *Museum* in the rooms of the Society was first started in 1796, but it was not until 1814 that measures were taken to carry out this proposal. After the Museum was established, members of the Society, both civil and military, began to send old coins, inscriptions, sculptures, manuscripts as well as natural history collections from all parts of India to the Society's Museum.

It was in these buildings that James Prinsep, then in charge of the Calcutta Mint, pored over the collection of Brahmi and Kharosthi inscriptions, and found the clue for the first time to their interpretation. The decipherment of the Asokan script by Prinsep, the first news of which was given in a letter to his friend, Rev. W. H. Mills, D.D., Principal of Bishop's College, Calcutta, and still in the possession of the Society, led to the scientific study of India's past. It was in these halls that Colebrooke, Wilson, Raja Rajendralal Mitra and other orientalists started their studies of the ancient wisdom of the East and they were followed by men like Blochman, Hodgson, Sarat Chandra Das, S. C. Vidyabhusan, Haraprasad Sastri and R. D. Banerjee, the last associated with the discovery of the Indus Valley civilization. It was in the Library rooms of this building that Csoma de Koros, the famous Hungarian traveller and orientalist, resided for nearly ten years (1832-42) and spent his nights and days over his Tibetan studies after he came to Calcutta in May 1832 from his Tibetan expedition, which he had undertaken in the hope of finding out the original home of the Magyars.

Apart from the use made of it for its own purposes by the Society, the building had always been available to the public for literary and scientific lectures and discussions. In 1822, the use of the meeting room was granted to the Serampore missionaries for a course of lectures, and the Medical and Physical Society of Calcutta held its meetings and had their office and library in this house for upwards of thirty years. Even today, the meetings of many distinguished Scientific and Cultural Societies are held in the Society's premises.

In the early days of the Society, the East India Company, the predecessor of the Crown in India, had no organized scientific services, and the scope for such a Society as the Asiatic Society for collecting, describing and classifying the natural history objects of India, particularly in the fields of geology, zoology, and botany, was enormous; the *Asiatick Researches*, the first publication of the Society, and the volumes of the *Journal of the Asiatic Society of Bengal*, contain a great number of papers on the subject of the natural history of India. These activities led to the accumulation of a large quantity of very rare specimens, in consequence of which the Asiatic Society was compelled to found its own Museum for this purpose. Ultimately the increasing volume of material proved too great a tax on our resources, and negotiations were opened with the Government of India, which led to the establishment of the Indian Museum in accordance with Act XVII of 1866. The collections of the Asiatic Society of Bengal were then entrusted to the Indian Museum, which is administered by a Board of Trustees upon which the Society is directly represented. Our collections were incorporated with those collected by Government Departments such as the Geological Survey of India, founded in 1851.

Three Departments of the Government of India, namely the Geological Survey of India, the Botanical Survey of India, and the Zoological Survey of India, have their offices and collections located in part or *in toto* in the Indian Museum, and are themselves, at least in part, the children of the activities of our Society. This applies in particular

to the Zoological Survey of India. In addition, the principal collections of the Archaeological Department are housed in the Indian Museum and, further, the Museum has an Art Section with a valuable collection of pictures representing the Hindu and Mahommedan art of India, as well as a fine collection illustrating the art wares of India—fabrics, metals, ivory and stone. All these activities have resulted, at least in part, from the cultural initiative of the Asiatic Society of Bengal. In addition, the Indian Meteorological Department, the headquarters of which is now at Poona, was formed as the result of a representation to the Government from the Asiatic Society.

These activities of the Society or products of its activities all belong to the first century (1784–1884) of our existence, except that the organizations now known as the Botanical Survey of India and the Zoological Survey of India did not receive these titles until the present century (Botanical Survey of India in 1913 and the Zoological Survey of India in 1916), although their work had been in progress for many decades. The Society also fostered the formation of the Indian Science Congress Association (1914) from which emanated the National Institute of Sciences of India which has now received recognition from the Government of India as the premier association of scientists in India as corresponding to the Royal Society of London in the United Kingdom, or the National Academy of Sciences in the U.S.A. For ten years, since its inception in 1935, the National Institute of Sciences has been housed in the Society's building.

It was felt before long that the accommodation available in this building was insufficient. The question of erecting a new building on the existing site came up for consideration from time to time (*vide* Annual Reports for the years 1902, 1903, 1911, 1914, 1920, 1921, 1922, 1924 and 1931). A design for a new building was prepared in 1920 and a copy of it appears in the *Journal and Proceedings* of the Society, Vol. XXVIII, 1932, No. 2, opposite page xxii. The desirability of having a new building was emphasized, but the proposal could not be carried into effect for one reason or another, the chief of which was the difficulty of making the necessary financial arrangements and also the difficulty of providing accommodation for the library during the time that would be required for the new building to be completed. In 1923–24, the existing premises were extensively repaired and somewhat enlarged, and it was considered that 'the building is now guaranteed to be in first class order, able to last, with proper upkeep, for at least another generation, if not longer'. In the Annual Address of the President for 1931–32, dated the 1st February, 1932, the following remark appears:—

'Our building is one of the oldest buildings in Calcutta. In recent years a proposal was made to demolish this old building and construct a new one in its place at a cost of several lacs of rupees..... The whole scheme was subsequently dropped after prolonged discussion on account of financial difficulties and risk. The design of this proposed new building is shown in the accompanying diagram. It is possible that, at some future date, when this Society's house is reconstructed, as it must be done one day, this plan may prove useful to a future architect.'

Both the building and plan above referred to seem now to be out of date and a new building on a more modern plan can alone fully meet the varied requirements of the Society and enable it to fulfil the great objects for which it exists.

The need for a new building.—The building as it now stands can continue at most for another four or five years. While it exists, it is more and more realized to be insufficient and ill-suited for the purpose of the Society as understood today. The Society has to house 80,000 books and 40,000 manuscripts approximately, in various languages collected from all parts of India and the neighbouring countries, like Tibet, Nepal, Burma and China, and our collection is believed to be the richest in Sanskrit, Prakrit, Arabic, Persian, Pali and other oriental languages. It possesses also a valuable collection of standard scientific periodicals from all over the world, which are eagerly consulted by scientists, scholars and research workers in Calcutta. The total number of books and periodicals will be approximately 100,000. The Society's own publications from as early as 1788 to date number several hundred works, the total valuation being about 10 lakhs of rupees. Besides, we have rare pictures, statues, coins and other valuable possessions which have been bequeathed to us by our former members and patrons, which it is our duty to preserve and exhibit to their best advantage. Unfortunately, most of the rooms are damp and dark, and the books and manuscripts in the library are damaged by the ravages of white ants, cockroaches, rats and other pests. It cannot be expected that the present building will prove serviceable even with the most extensive modifications. The rooms of the existing building and the manner in which the manuscripts and other precious books are stored have been condemned in no uncertain terms by Mr. Sanaullah, Archaeological Chemist in India (Appendix I). In addition, there is great wastage of space and deficiency in the

arrangements for the safety and security of books, etc., which is due to the inadequate planning of the present building.

The site is one of the finest in Calcutta and, if properly utilized, will not only satisfy all our demands for accommodation, but will enable us also to house many of the scientific and learned Societies in Calcutta which make persistent demands on us, e.g. the National Institute of Sciences of India, the Geological, Mining and Metallurgical Institute of India, the Calcutta Art Society, Institute of Engineers, and other scientific and cultural Institutions. The Royal Asiatic Society of Bengal, as the parent of most of the learned and scientific Societies in India, has a duty towards all other Societies in this respect.

Our idea is that the new building should serve the purpose of a 'Burlington House' for Calcutta. At our request tentative plans for a new building have been made by Messrs. Ballardie, Thompson and Matthews, a copy of which is printed at the end with a description of the accommodation available in each floor. The building, as planned now, will accommodate the stores and stocks on the ground floor, and the general offices on the first floor will have a total area of 9,973 sq. ft. Provision has been made for a Lecture Theatre of 2,100 sq. ft. area. This will contain a gallery and balconies and is expected to accommodate an audience of 600. The plan also is to provide this Lecture Theatre with all modern equipments, such as, a Loud-speaker, Epidiascope and Magic Lantern, so that all scientific and literary lectures may be properly arranged. The second floor will accommodate the library, including the Islamic and Sanskrit MSS., which will be kept in air-conditioned rooms, and separate chambers will be provided for micro-filming and photographing. On the same floor there have also been provided rooms for scholars engaged in research. The Government of Bengal have recently been pleased to sanction Rs.50,000 for publication of a Source Book on the history of Mediaeval Bengal under the editorship of the veteran historian Sir Jadunath Sarkar and have also sanctioned four Fellowships for the prosecution of original researches with the aid of our magnificent collection. The Council have been pleased to name these Fellowships after Sir William Jones (the Founder), James Prinsep and Raja Rajendralal Mitra.

The third floor, as at present designed, is mainly residential consisting of rooms for whole-time officers of the Society and distinguished guests; Lounge and Club rooms have also been provided on this floor. A number of rooms have been set apart for learned Societies. The architects have also been instructed to design a number of underground chambers where some of our valuable possessions may be stored for purposes of safety. These have not been included in the present plan, which is a tentative one. Further description of the room is given in the Appendix II.

Our plans are now before the public. We appeal to the Government and the generous public for ample financial assistance towards the realization of our long contemplated plans for a new house for the Society, a house which will serve as a Temple of Muses for the greatest city of the East, and will be a fitting monument to the vision and wisdom of our illustrious founder, the bicentenary of whose birth we are celebrating early next year; and of the numerous savants and scientists who, inspired by his example, have enriched Indian history, arts, literature, and initiated numerous scientific movements.

OFFICE OF THE
ARCHAEOLOGICAL CHEMIST IN INDIA,
Dehra Dun, 7th April, 1945.

D.O. No. 18/22(b).

DEAR SIR,

I was sorry that you could not meet me at the Royal Asiatic Society in February last when I inspected the collection of manuscripts there. At that time I made certain suggestions to your Librarian for the preservation of these unique collections. However, I must tell you frankly that the problem which confronts you is far more complex and difficult than you perhaps have imagined. I have therefore been giving the matter a good deal of thought since that time. Since no specific enquiry has been made by you from the Archaeological Department I shall confine myself to some general observations.

It is wellknown that the various kinds of India-made paper which were in vogue in this country up to the third quarter of the last century possessed remarkable durability. That was due to the fact that it was made out of rags of linen and without the employment of injurious chemicals. The quality of paper used for books and manuscripts has since that time deteriorated steadily on account of the introduction of cheap substitutes, e.g. grass, bamboo, straw, wood, etc., in its manufacture. There are

other causes also that contribute to the deterioration of paper which will be referred to later. Apart from paper manuscripts there is a large collection of palm-leaf and birch-bark manuscripts also in the library of the Royal Asiatic Society. These materials are far inferior to even ordinary paper in durability, on account of their great susceptibility to atmospheric action. In fact, they have been reduced mostly to a very fragile and brittle condition.

The changes which take place in these materials are essentially chemical and bacteriological. Under the influence of excessive moisture, heat, light, atmospheric oxygen and acidity complex changes take place resulting in the deterioration of the fabrics. Various kinds of fungi and bacteria are developed under favourable conditions that prevail in damp and hot seasons. Both these agencies thrive on the nitrogenous sizing materials contained in paper and reduce it to a soft incoherent web of cellulose fibres. The chemical process involved in inferior paper, birch-bark and palm-leaf is essentially oxidation. It is not necessary to go into the chemistry of these changes here as these have been discussed in the published literature on the deterioration of paper. Other important agencies of destruction of these records are insects and mice.

With these preliminary remarks I would like to draw your attention to two principal factors that govern the problem of the preservation of these priceless records. Firstly, the materials (i.e. paper, palm-leaf and birch-bark), of which they are composed, are readily susceptible to the various damaging agencies mentioned above. Secondly, these agencies are prevalent in Calcutta in a high degree and that the atmospheric conditions there also are very favourable for their propagation and destructive activities. The damp heat that is a feature of the tropical regions induces fungoid and bacterial growths of various kinds, which have deleterious effect on paper. The high temperatures also accelerate chemical changes which are taking place in these materials. The atmosphere of Calcutta is appreciably acidic due to the consumption of coal or coke and chemical industries situated there. It is wellknown that in industrial centres the atmosphere is charged with sulphuric acid (produced by the combustion of coal or gas) which has a very serious deleterious effect on paper and leather bindings.

The effects of all these influences are abundantly visible in these collections. The Librarian showed me several manuscripts which have been destroyed by boring insects or reduced to a fragile and brittle state by changes due to atmospheric action. Again there are some that have become too soft due to the removal of sizing ingredients by bacterial or fungoid action. Lot of paper manuscripts are badly affected by 'foxing' (i.e. light brown spots) which is again due to certain variety of bacteria. Many of the birch-bark and palm-leaves are too brittle for handling. The excessive dampness, prevailing on the ground floor during the rains and after, is testified by marks of salt-petre action to a height of over 6 feet on the walls. The asphaltting of the ground floor cannot solve the trouble when the walls around can exude water vapour freely. Thymol fumigation can have only a temporary benefit against foxing when the rooms are full of the spores which will re-infect the treated articles after a short time.

In view of these facts no simple remedial measures can solve the problem and we must either control the adverse atmospheric conditions by appropriate air-conditioning system or shift these priceless collections to a purer and cooler climate. It may be added that an air-conditioning plant has been installed in the National Archives, Washington, with excellent results. In order to restore the actual damage that has occurred in the past I have to offer the following suggestions for the consideration of the authorities of the Royal Asiatic Society of Bengal, under the existing conditions:—

- (a) A system of repairing the damaged manuscripts, etc., on up-to-date and scientific lines should be introduced, as early as possible. The repairs should be carried out under the direction of an expert with sufficient scientific knowledge of the subject and with materials possessing great durability and without any deleterious effect on the fabrics under treatment. The use of Japanese tissue paper, cellulose acetate, adhesive films is suggested. Starch paste with 1/10000 sodium arsenite is recommended but gums or glues are disallowed. The ink will have to be fixed by suitable treatment before the application of aqueous pastes. Lamination process (i.e. sandwiching between cellulose acetate foils under pressure and heat) is strongly recommended for highly decayed documents. The expert repairer will have to be trained in the scientific methods.
- (b) Vacuum fumigation with carboxide mixture should be carried out once a year to destroy insect life.
- (c) Installation of an air-conditioning system in order to regulate the temperatures and humidity besides the removal of acidity from the air. The temperature may be kept at 70°F. ($\pm 2^\circ$) in winter and 80°F. ($\pm 2^\circ$) in summer; while the relative humidity, maintained at 50% (± 2).
- (d) The books or manuscripts that are stored in the rooms on the ground floor should be shifted to the upper storey without delay.

- (e) Photographic copies of the original manuscripts should be prepared for general use.

I was also shown some thousands of coins which need cleaning and preservative treatment. This work can be carried out only by a trained chemist. Perhaps the Archaeological Survey will be glad to undertake the treatment of the important selected coins out of these in convenient lots. I shall also be glad to render further advice or help if any specific points are referred to the Archaeological Survey.

Yours faithfully,
(Sd.) MOHD. SANALLAH.

The General Secretary,
Royal Asiatic Society of Bengal, Calcutta.

DESCRIPTION OF THE ACCOMMODATION IN THE PROPOSED NEW BUILDING.

Ground Floor.

Store Rooms, Garages and residential accommodation for lower grade servants of the Society.

1st Floor.

1. Lecture Theatre	..	..	Size 35' x 61'
2. Room for General Office	..	..	.. 67' x 52'
3. Club Room	..	..	.. 37' x 40'
4. Refreshment Room	..	..	.. 37' x 32'
5. Service Room	..	..	.. 17' x 17'
6. Private Office Room	..	..	.. 17' x 35'
7. " " "	..	..	.. 17' x 35'
8. " " "	..	..	.. 19' x 19'
9. Entrance Hall.			
10. Staff Lavatory.			
11. Stairs, Lift, Landing space.			
12. Two Additional Lavatories.			
13. Corridors.			

2nd Floor.

1. Library	..	..	Size 52' x 67'
2. Librarian's Office	..	..	.. 19' x 19'
3. Stock Room (R.A.S.B. Publications)	..	..	.. 28' x 16'
4. Reading Room	..	..	.. 37' x 24'
5. MSS. Library Room	..	..	.. 35' x 23'
6. Research Scholars' Room	..	..	.. 37' x 24'
7. Photographic Room	..	..	.. 28' x 12'
8. Microfilm Room	..	..	.. 28' x 12'
9. Research Scholars' Room	..	..	.. 28' x 12'
10. Research Scholars' Room	..	..	.. 28' x 12'
11. Room for Duffries	..	..	.. 17' x 8'
12. Fumigation Chamber and Laboratory	..	..	.. 17' x 16'
13. Projection Room.			
14. Two Lavatories.			
15. Landing space.			
16. Corridors.			

3rd Floor.

Two residential quarters for full-time officers of the Society, consisting of:

(A)

(1) Sitting Room	..	..	Size 29' x 19'
(2) Dining Room	..	..	.. 29' x 14'
(3) Bed Room	..	..	.. 14' x 19'
(4) " " "	..	..	.. 18' x 25'
(5) Kitchen.			
(6) Pantry.			
(7) Two Bath Rooms.			
(8) Store Rooms.			

(B)

(1) Sitting Room	..	..	Size 18'×29'
(2) Dining Room	..	..	„ 18'×18'
(3) Bed Room	..	..	„ 28'×20'
(4) Bath.			
(5) Store.			
(6) Kitchen.			
(7) Pantry.			

Landing space, Terraces, Open Courts, Verandahs, Corridors.

Additional.

1. Lounge Room for foreign guests	..	Size 23'×35'
2. Room for learned Societies	..	„ 37'×29'

Costs.

Present Scheme :

Approximate cost Rs.10,50,000.

East Block (Future Extension) :

Approximate cost Rs.3,00,000.

West Block (Future Extension) :

Approximate cost Rs.3,00,000.

At present-day costs.

N.B.—Plan of the proposed new building, *vide* page xl

**List of
Patrons,
Officers, Council Members, Members,
Fellows, and Medallists
of the
Royal Asiatic Society of Bengal,
as on the 31st December, 1945.**

PATRONS

THE ROYAL ASIATIC SOCIETY OF BENGAL

1943	..	..	H.E. Field Marshal Viscount Wavell, P.C., G.C.B., G.M.S.I., G.M.I.E., C.M.G., M.C., Viceroy and Governor-General of India.
1943	..	..	H.E. The Right Hon'ble Mr. R. G. Casey, C.H., D.S.O., M.C., Governor of Bengal.
<hr/>			
1910-1916	..	..	Lord Hardinge of Penshurst, K.G., P.C., G.C.B., G.C.M.G., G.C.S.I., G.C.I.E., G.C.V.O., I.S.O.
1917-1922	..	..	The Most Hon'ble the Marquess of Zetland, P.C., G.C.S.I., G.C.I.E.
1922-1927	..	..	The Right Hon'ble the Earl of Lytton, P.C., G.C.S.I., G.C.I.E.
1926-1931	..	..	The Right Hon'ble the Viscount Halifax, K.G., P.C., G.C.S.I., G.C.I.E.
1927-1932	..	..	Colonel Sir Francis Stanley Jackson, P.C., G.C.I.E.
1931-1936	..	..	The Right Hon'ble the Earl of Willingdon, G.M.S.I., G.C.M.G., G.M.I.E., G.B.E.
1932-1938	..	..	The Right Hon'ble Sir John Anderson, P.C., G.C.B., G.C.I.E.
1936-1943	..	..	The Most Hon'ble the Marquess of Linlithgow, K.T., P.C., G.M.S.I., G.M.I.E., G.C.I.E., D.L., O.B.E., T.D.
1938-1943	..	..	Sir John Arthur Herbert, G.C.I.E.

**OFFICERS AND MEMBERS OF COUNCIL OF THE
ROYAL ASIATIC SOCIETY OF BENGAL
DURING THE YEAR 1945**

Elections, Annual Meeting 1945.

President

Dr. Meghnad Saha, D.Sc., F.R.S., F.N.I., F.R.A.S.B.

Vice-Presidents

The Hon'ble Mr. Justice N. G. A. Edgley, M.A., I.C.S., Barrister-at-Law.
Dr. R. C. Majumdar, M.A., Ph.D., F.R.A.S.B.
Dr. M. Z. Siddiqi, M.A., B.L., Ph.D.
Dr. S. P. Agharkar, M.A., Ph.D., F.N.I.

Secretaries and Treasurer

General Secretary:—Dr. Kalidas Nag, M.A., D.Litt.

Treasurer:—K. P. Khaitan, Esq., M.A., B.L., Barrister-at-Law.

Philological Secretary:—Dr. Nalinaksha Dutt, M.A., Ph.D., D.Litt.

Joint Philological Secretary:—Dr. Mohammad Ishaque, M.A., B.Sc., Ph.D.

Natural History Secretaries	{	Biology:—Dr. S. L. Hora, D.Sc., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B.
		Physical Science:—Dr. K. N. Bagchi, B.Sc., M.B., F.R.I.C., D.T.M., F.N.I.

Anthropological Secretary:—Dr. W. G. Griffiths, M.A., B.D., B.Sc., Ph.D.

Historical and Archaeological Secretary:—Dr. B. C. Law, M.A., B.L., Ph.D.,
D.Litt., F.R.G.S., F.R.A.S.B.

Medical Secretary:—Dr. Indubhusan Basu, M.D.

Library Secretary:—Dr. Nalinaksha Dutt, M.A., Ph.D., D.Litt.

Other Members of Council

C. W. Gurner, Esq., C.S.I., I.C.S.

L. R. Fawcett, Esq., C.I.E., I.C.S.

Percy Brown, Esq., M.B.E., A.R.C.A., F.R.A.S.B.

Dr. W. D. West, M.A., Sc.D., F.N.I., F.R.A.S.B.

Maharajadhiraja Bahadur Sir U. C. Mahtab, K.C.I.E., of Burdwan.

A. P. Benthall, Esq.

ORDINARY MEMBERS

R = Resident. N = Non-Resident. F = Foreign. A = Absent. L = Life.

An Asterisk is prefixed to names of Ordinary Fellows of the Society.

Date of Election.		
5-2-45	N	Advani, MOHANLAL GIANOHAND, B.SC., <i>Manager, Messrs. B. Lilaram & Sons. 26 The Mall, Simla.</i>
2-11-25	N	Acharya, PARAMANANDA, B.SC., <i>State Archaeologist, Mayurbhanj State, P.O. Baripada.</i>
2-3-21	R	Agharkar, SHANKAR PURUSHOTTAM, M.A., PH.D., F.L.S., F.N.I., <i>Sir Rash Behari Ghose Professor of Botany, Calcutta University. 35 Ballygunge Circular Road, Calcutta.</i>
1-5-44	R	Agrawal, BHURAMAL, B.A., B.L., <i>Advocate, High Court. c/o Messrs. Khaitan & Co., 1/B, Old Post Office Street, Calcutta.</i>
5-3-45	R	Ahmad, AMRUDDIN, M.B.E., M.A., B.L., <i>Advocate, Calcutta High Court and Federal Court of India, Deputy Legal Remembrancer, Bengal. 34 Circus Avenue, Calcutta.</i>
5-6-44	R	Ahmed, JAMIL, B.SC., LL.B., <i>Editorial Assistant, Office of the Consulting Engineer to the Government of India (Roads). 9 Mahabat Khan Road, New Delhi.</i>
4-6-45	R	Ahmad, NAZIR, M.SC. (HONS.), PH.D., <i>Assistant Director of Fisheries, Bengal. 43 Theatre Road, Calcutta.</i>
2-8-43	N	Ahuja, Y. D., M.A., M.O.L., <i>Head of the Department of Persian and Urdu, Doaba College. Jullunder City, Punjab.</i>
6-6-17	N	Aiyangar, K. V. RANGASWAMI, RAO BAHADUR, M.A., <i>Director of Public Instruction, Travancore (retd.). Vasumati Vilas, Rangachari Road, Mylapore, Madras.</i>
6-12-26	N	*Aiyangar, S. KRISHNASWAMI, DEWAN BAHADUR, M.A., PH.D., <i>M.B.A.S., F.R.HIST.S., F.R.A.S.B., RAJASEVASAKTA, Professor, University of Madras. 'Sripadam', 143 Brodie's Road, Mylapore, Madras, S.</i>
7-5-45	R	Ajmera, RANCHORDAS, Businessman. c/o H. D. Ajmera & Co., <i>22 Canning Street, First Floor, Calcutta.</i>
2-11-42	R	Akbar, M. (NEDVI), M.A., <i>Lecturer, Calcutta University, 22 Nilmadhab Sen Lane, Calcutta.</i>
3-5-43	R	Aken, C. E. VAN, Consul for the Netherlands in Calcutta. 27 Dalhousie <i>Square, Calcutta.</i>
5-2-45	R	Akram, THE HON'BLE MR. JUSTICE ABU SALEH MOHAMED, Judge, <i>Calcutta High Court. 27 Ripon Lane, Calcutta.</i>
5-4-22	R	*Ali, ABUL FAIZ MUHAMMAD ABDUL, M.A., M.B.A.S., F.R.S.L., F.R.G.S., <i>F.R.H.S., F.R.A.S.B. 3 Nawab Abdur Rahman Street, Calcutta.</i>
5-6-39	R	Ali, S. SHAMSER, Insurance Underwriter. 3 Bright Street, Ballygunge, <i>Calcutta.</i>
1-6-42	R	Alimuddin, M. S., Mutwalli to the Wakf Estate, Khan Sahib M. S. <i>Azizuddin, Landlord. 23 Zakaria Street, Post Box No. 6777, Calcutta.</i>
7-5-45	N	Archer, WILLIAM GEORGE, M.A. (CANTAB.), I.C.S., <i>Editor, 'Man in India', Deputy Commissioner, S.P. Dumka, Bihar.</i>
6-5-40	R	Asadullah, KHALIFA MOHAMMAD, KHAN BAHADUR, F.L.A., <i>Librarian, Imperial Library. 34 Chittaranjan Avenue, Calcutta.</i>
3-3-30	L	Ashton, HUBERT SHORROCK, Merchant. Trueloves, Ingatestone, <i>Essex, England.</i>
3-7-44	R	Asutosh Brahmachary, RAMKRISHNA VEDANTA MATH. 19/B Raja <i>Rajakrishna Street, Calcutta.</i>
3-9-34	R	Auden, JOHN BICKNELL, M.A. (CANTAB.), F.G.S., F.N.I., <i>Assistant Superintendent, Geological Survey of India. 27 Chowringhee, Calcutta.</i>
3-11-30	R	Austin, GEORGE JOHN, Sanitary Engineer, Messrs. J. B. Norton & Sons, Ld. Stephen House, 5 Dalhousie Square, Calcutta.

Date of Election.		
1-5-39	A	Ayrton, SHAVUX MUNCHERSHAW, <i>Assistant, Messrs. Shaw Wallace & Co. Madon Mansions, 275-C Bow Bazar Street, Calcutta.</i>
3-3-14	L	*Bacot, J., F.R.A.S.B. Boulevard Saint-Antoine, 61 Versailles Seine-et-Oise, France.
2-7-45	N	Badley, RT. REV. BURTON THOBURN, M.A., LL.D., D.D., <i>Bishop of the American Methodist Church. 2 Old Survey Road, Dehra Dun, U.P.</i>
2-4-45	R	Bagaria, HANUMAN PRASAD, <i>Share Merchant. P 59 Central Avenue North, Calcutta.</i>
4-6-45	N	Bagchee, KRISHNADAS, D.SC. (LOND.), F.N.I., <i>Forest Botanist and Mycologist, Forest Research Institute & College, New Forest. Dehra Dun.</i>
6-8-45	R	Bagchi, HIRANMOY, B.S.C., B.A., <i>Auditor & Registered Accountant. 7-E Mysore Road, Kalighat, Calcutta.</i>
7-9-36	R	Bagchi, K. N., RAI BAHADUR, B.S.C., M.B. (CAL.), F.R.I.C. (LOND.), F.N.I., D.T.M. (CAL. & L'POOL), <i>Chemical Examiner to the Government of Bengal, and Chief Bio-chemist, Medical College Hospitals. 5 Ballygunge Place, Calcutta.</i>
1-11-26	N	*Bagchi, PROBODH CHANDRA, M.A., DR.-ES-LETTRES (PARIS), F.R.A.S.B., <i>Member of the A.S. of Paris; Director of Research Studies, Cheena Bhawan. Santiniketan, Bolpur.</i>
1-3-26	N	Bagnall, JOHN FREDERICK, B.S.C., A.M.I.MECH.E., A.M.I.E.E., A.M.I.N.S.T.C.E., CAPT., I.E. C/o C.R.E., Bihar Dist., Ranchi.
2-4-24	N	*Bahl, K. N., D.S.C., D.PHIL., F.N.I., F.R.A.S.B., <i>Professor of Zoology, Lucknow University. Badshahbagh, Lucknow.</i>
3-8-42	R	Bake, ARNOLD ADRIAAN, M.A. (OXON.), D.LITT. 6 Temple Chambers, 6 Old Post Office Street, Calcutta.
7-4-41	R	Baker, ERNEST BRAIN HINDLEY, O.B.E., I.C.S. Magistrate's House, Alipur, Calcutta.
1-5-44	R	Ball, CYRIL FRANCIS, <i>Principal, Bankura Christian College, Bankura.</i>
7-2-44	N	Balvally, RAMARAO DATTATRAYA, <i>Financial Adviser, Government of Assam. Secretariat, Shillong.</i>
3-4-44	A	Band, EDWARD, M.A. (CAMBRIDGE), <i>Late of the British Ministry of Information. 7 Endsleigh Gardens, London, W.C.1.</i>
5-4-43	R	Banerjee, BINAYAKANATH, M.A., B.L., <i>Advocate, Calcutta High Court. 6/1 Williams Lane, Calcutta.</i>
1-8-38	R	Banerjee, J. N., M.A., PH.D., <i>Lecturer, Calcutta University. 28 Manoharpukur Road, Calcutta.</i>
7-12-36	N	Banerjee, S., C.I.E., I.C.S. Commissioner's House, Chinsura.
5-3-45	R	Banerji, BISWANATH, B.S.C., M.B., <i>Medical Practitioner. Bangur Building, 161/10 Harrison Road, Calcutta.</i>
1-9-41	N	Banerji, SURES CHANDRA, M.A., <i>Zemindar. 45 Lakshmi Bazar, Dacca.</i>
1-1-45	R	Banerji-Shastri, ANANTAPRASAD, M.B.E., M.A. (CAL.), D.PHIL. (OXON), VIDYABHUSHANA, VACHASPATI, <i>Principal, Sanskrit College. 81 Raja Basanta Roy Road, Lansdowne Road Extension, Calcutta.</i>
3-12-23	R	Barwell, N. F., M.C., M.A., LT.-COL. (retd.), <i>Barrister-at-Law. Temple Chambers, 6 Old Post Office Street, Calcutta (and) Aylmerton House, Aylmerton, Norfolk, England.</i>
2-10-39	N	Bastin, REGINALD WALTER, I.C.S. Magistrate's House, Noakhali.
5-3-45	R	Basu, A. K., <i>Barrister-at-Law, Government Counsel, Calcutta High Court. 1 Ironside Road, Ballygunge, Calcutta.</i>
7-12-36	R	Basu, INDUBHUSAN, M.D. (CAL.), <i>Medical Practitioner; Associate Professor of Medicine and Visiting Physician, Carmichael Medical College. 19 Vivekananda Road, Calcutta.</i>
6-2-39	R	Basu, JNANENDRA NATH, VIDYALANKAR, <i>Member, Benares Hindu University College; Fellow, Theosophical Society; Landholder; Director, Messrs. Thacker Spink & Co. 9 Park Lane, Calcutta.</i>
2-4-45	R	Basu, KUMUD B., <i>Coalmine Owner, Past Chairman, Indian Mining Federation. 7 Judges' Court, Alipore, Calcutta.</i>
5-2-40	R	Basu, MRIGANKA MAULI, I.C.S., <i>Commissioner, Commercial Trades, Bengal. Pollock House, 28/B Pollock Street, Calcutta.</i>
1-3-26	R	Basu, NARENDRA KUMAR, M.L.C., <i>Advocate, High Court. 12 Ashu Biswas Road, Bhawanipore, Calcutta.</i>
5-3-45	R	Basu, S. M., <i>Government Solicitor. c/o Messrs. C. C. Basu & Co., 9 Old Post Office Street, Calcutta.</i>

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6-8-45	R	Basu, SIB KUMAR, <i>Dairy Expert</i> . 47/2 Harrison Road, Calcutta.
2-4-45	R	Basu, SIKHAR KUMAR, M.A., B.L., <i>Barrister-at-Law</i> . 23/1/2 Guruprasad Chaudhuri Lane, Calcutta.
2-10-44	L	Batia, CHANDMULL, <i>Businessman</i> . 7 Canning Street, Calcutta.
7-7-09	N	Bazaz, RANGNATH KHEMRAJ, RAO SAHIB, <i>Proprietor, Shri Venkateshwar Press</i> . 7th Khetwadi, Bombay No. 4.
4-3-40	N	Bell, FRANK OWEN, B.A. (CANTAB.), I.C.S., <i>District Magistrate, Dacca</i> .
7-5-34	R	Bent, WILLIAM ANTONY, <i>Assistant, Messrs. George Henderson & Co., Ltd.</i> 101/1 Clive Street, Calcutta.
5-6-44	R	Benthall, ARTHUR PAUL, <i>Partner, Messrs. Bird & Co.</i> Chartered Bank Buildings, Clive Street, Calcutta.
4-3-25	N	Benthall, THE HON'BLE SIR EDWARD C., KT., K.C.S.I., <i>Member, Viceroy's Council</i> . 3 Queen Victoria Road, New Delhi.
7-5-45	R	Bensly, HAROLD FOSTER, <i>Solicitor, Messrs. Sandersons and Morgans</i> . 26 Dalhousie Square (17 Harrington Mansions, Harrington Street), Calcutta.
7-4-09	L	*Bentley, CHARLES A., C.I.E., M.B., D.P.H., D.T.M. & H., F.R.A.S.B., <i>Professor of Hygiene</i> . University of Egypt, Cairo.
2-10-44	R	Bernhardt, ERIC, <i>Engineer, Brown Bomier & Co., Ltd.</i> c/o Messrs. Volkart Bros., 8 Clive Street, Calcutta.
5-3-45	R	Bezboruah, KRISHNA KAMAL, <i>Barrister-at-Law</i> . 11/A Chowringhee Terrace, Calcutta.
4-6-28	N	Bhadra, SATYENDRA NATH, RAI BAHADUR, M.A., <i>Formerly Principal, Jagannath Intermediate College</i> . 5 Nayabazar, Dacca.
2-7-45	N	Bhadra, WOOPENDRA CHANDRA, B.A., <i>Agent, The Pioneer Bank Ltd.</i> Sylhet, Assam.
1-1-45	R	Bhagat, FRAHLADRAI, <i>Merchant</i> . 26 Burtolla Street, Calcutta.
1-1-45	N	Bhalwala, DEBI DUTT, <i>Merchant</i> . 1 Doyehatta Street, Calcutta.
1-8-17	R	*Bhandarkar, DEVADATTA RAMKRISHNA, M.A., PH.D., F.R.A.S.B. 2/1 Lovelock Street, Ballygunge, Calcutta.
2-11-42	R	Bhagat, PHOOLCHAND, <i>Mill-owner and Merchant</i> . Bhagat Villa, Grand Trunk Road, Konnagar, Dt. Hooghly.
5-3-45	R	Bharti, NANAK CHAND. c/o MESSRS. Hardware & Metal Industries, 30 Clive Street, Calcutta.
4-6-45	R	Bhartia, MAHABIR PRASAD, <i>Merchant, Director of Indian Ice and Cold Storage Co., Ltd., International Industries Ltd.</i> 12 Kalakar Street, P.O. Burrabazar, Calcutta.
21-9-45	N	Bhatnagar, BRIJ KISHORE, M.A., LL.B. Kamdar, Gaurihar States Banda, C.I.
6-5-40	N	Bharucha, FARROKH E., <i>Merchant</i> . Canada Building, Hornby, Road, Bombay.
3-1-44	R	Bhattacharjee, ABANI KANTA, <i>Barrister-at-Law</i> . 34 Mahim Haldar Street, P.O. Kalighat, Calcutta.
7-5-45	L	Bhattacharjee, SACHINDRA MOHAN, <i>Banker & Insuranceman</i> . P. 4 Ekdalia Road, Ballygunge, Calcutta.
5-8-43	R	Bhattacharya, JOGESH CHANDRA, M.A., <i>Principal, Ramsaday College</i> . 41 Deb Lane, P.O. Entally, Calcutta.
2-10-44	R	Bhattacharya, KAMAKHYA CHARAN, JYOTIRBHUSAN. 16 Anath Deb Lane, P.O. Beadon Street, Calcutta.
7-2-44	R	Bhattacharya, SUKUMAR, M.A., <i>Professor of History, Asutosh College</i> . 16 Basanta Bose Road, Kalighat, Calcutta.
3-12-45	R	Bhattacharya, SUSHIL CHANDRA, M.A., <i>Businessman</i> . 60/3 Dhurumtollah Street, Calcutta.
3-12-45	R	Bhattacharya, VISWA NATH, M.A., LL.B., <i>Businessman</i> . 60/3 Dhurumtollah Street, Calcutta.
7-7-24	L	Bhattacharyya, BINOYTOSH, M.A., PH.D., RAJARATNA, <i>General Editor, Gokwad's Oriental Series, and Librarian, Oriental Collections, Baroda State</i> . Baroda.
4-6-45	N	Bhattacharyya, DINESH CHANDRA, M.A., <i>Professor of Sanskrit, Hooghly Mohsin College (retd.)</i> . P.O. Chinsura, Hooghly.
1-2-43	N	Bhattacharjee, MRS. SERAPIA. 3/B Davis Road, Lahore.
4-6-28	N	Bhattasali, NALINI KANTA, M.A., PH.D., <i>Curator, Dacca Museum</i> . Ramna, Dacca.
3-7-44	R	Birla, B. KUMAR, <i>Merchant</i> . 8 Royal Exchange Place, Calcutta.
6-3-44	L	Birla, G. D. Birla Park, Ballygunge, Calcutta.
3-7-44	R	Birla, G. PRASAD, <i>Merchant</i> . 8 Royal Exchange Place, Calcutta.

Date of Election.		
3-7-44	R	Birla, KRISHNA KUMAR, <i>Businessman</i> . 8 Royal Exchange Place, Calcutta.
4-9-44	R	Birla, LAKSHMI NIVAS, <i>Merchant</i> . Birla Park, Calcutta.
3-7-44	R	Birla, MADHAV PRASAD, <i>Merchant</i> . 19 Guru Saday Dutt Road, Ballygunge, Calcutta.
5-3-28	R	Biswas, THE HON'BLE MR. JUSTICE CHARU CHANDRA, C.I.E., M.A., B.L., <i>Judge, High Court</i> . 58 Puddopukur Road, P.O. Elgin Road, Calcutta.
1-8-23	L	Biswas, KALIPADA, M.A., D.SC. (EDIN.), F.R.S.E., <i>Superintendent, Royal Botanic Garden</i> . P.O. Royal Botanic Garden.
3-1-27	N	Biwar, HUGH GODFREY STUART, I.C.S. Judge's House, Gauhati, Assam.
2-4-45	R	Blagden, CYPRIAN CLAUDE, M.A., <i>Publisher</i> . c/o Messrs. Longmans Green & Co., 17 Chittaranjan Avenue, Calcutta.
6-12-43	R	Bonnerjee, MISS SADRONA, <i>Research Scholar</i> . 66 Lansdowne Road, Calcutta.
4-11-35	F	Bor, N. L., M.A., D.SC., F.L.S., I.F.S. c/o Messrs. Lloyds Bank (Cox & Kings Branch), 6 Pall Mall, London.
2-4-45	A	Born, HENRY, A.R.P.S., <i>General Secretary, Art in Industry Exhibition</i> . Hongkong House, Dalhousie Sq. (4 Sunny Park, Ballygunge), Calcutta.
7-12-36	N	Bose, AMBUJ NATH, O.B.E., M.D. (LAUSANNE), F.R.C.P. (EDIN. & LOND.), LT.-COL., I.M.S., <i>Principal, Medical College</i> . Nagpur, C.P.
4-12-39	R	Bose, DEBENDRA MOHAN, M.A., PH.D., F.N.I., <i>Director, Bose Research Institute</i> . 93 Upper Circular Road, Calcutta.
7-8-39	R	Bose, GIRINDRASHEKHAR, M.B., D.SC., F.N.I., <i>Professor of Psychology and Head of the Department of Psychology, Calcutta University</i> . 14 Parsi Bagan Lane, P.O. Amherst Street, Calcutta.
2-8-43	N	Bose, JOGESH CHANDRA. 'VASUDHAM', P.O. Contai, Dt. Midnapur.
4-9-44	R	Bose, MANINDRA LAL, M.A., B.L., <i>Barrister-at-Law</i> . 9 Congress Exhibition Road, Park Circus, Calcutta.
5-3-45	R	Bose, SIR S. M., KT., <i>Barrister-at-Law, Advocate-General, Bengal</i> . 22/1 Ballygunge Circular Road, Calcutta.
5-3-45	R	Bose, SRI BEUSAN, <i>Solicitor</i> . c/o Messrs. Orr Dignam & Co., 32 Dalhousie Square, Calcutta.
2-3-31	N	Bose, SUDHANSU KUMAR, B.SC. (CAL.), A.R.S.M., B.SC. (MINING) (LONDON), <i>Professor of Mining and Surveying</i> . Indian School of Mines, Dhanbad.
2-1-39	R	Bose, SUDHANSU MOHAN, M.A., LL.B. (CANTAB.), <i>Barrister-at-Law</i> . 3 Federation Road, P.O. Amherst Street, Calcutta.
2-11-36	N	Bothra, SUBHKARAN SINGH, <i>Banker</i> . Kundigar Bhairon, Jaipur City.
4-5-31	N	Bottomley, JOHN MELLOR, C.I.E., B.A. (OXON), I.E.S. (retd.), <i>Formerly Director of Public Instruction, Bengal</i> . Restharrow, Shillong, Assam.
1-5-44	F	Boulton, H. L., <i>Major, Indian Armoured Corps</i> . The Army & Navy Club, Pall Mall, London.
7-8-44	F	Bradley, GERARD ANTHONY, 22 Endsleigh Road, Waterloo, Liverpool, England.
7-5-45	R	Bradshaw, ERIC JEAN, B.A., B.A.I. (DUBLIN), M.SC. (CALIFORNIA), <i>Superintending Geologist, Geological Survey of India</i> . 27 Chowringhee, Calcutta.
3-12-34	R	Brahmachari, PHANINDRA NATH, M.SC., M.B. 19 Loudon Street, Calcutta.
1-1-08	L	*Brahmachari, SIR UPENDRA NATH, KT., RAI BAHADUR, M.A., PH.D., M.D., F.S.M.F., F.N.I., F.R.A.S.B. 19 Loudon Street, Calcutta.
7-11-27	N	Brahmachari, SARAT CHANDRA, RAI BAHADUR, M.A., B.T. Kasba Road, Ballygunge, P.O. Dhakuria, 24-Pergs.
1-1-45	R	Brinkley, JOHN R., <i>Captain, P.W. Division, S.E.A.S.</i> 6 Hungerford Street, Calcutta.
3-7-07	L	*Brown, JOHN COGGIN, O.B.E., D.SC., F.G.S., M.I.M.E., M.I.N.S.T.M.M., M.I.E., F.R.A.S.B. 'Anandale', Broxbourne, Herts, England.
6-10-09	R	*Brown, PERCY, M.B.E., A.R.C.A., F.R.A.S.B., <i>Secretary and Curator, Victoria Memorial</i> . Calcutta.
4-3-40	A	Bruce, ALEXANDER EDWIN ROBERT, B.A., A.C.P., M.E.S.T., F.R.G.S., A.R.I.P.H.E., M.B.A.S., CAPT. 12 Russell Street, Calcutta.
2-4-45	R	Budden, ERIC LITTLETON, <i>Master Pilot, Bengal Pilot Service</i> . United Service Club, Calcutta.

Date of Election.		
2-4-45	N	Bullivant , LINDSAY FRANK, CAPT. R.E., F.R.I.B.A., F.S.A. (SCOT.), 'E' Branch, Advance H.Q. Allied Land Forces, South-East Asia.
1-1-45	R	Burman , DEBAJYOTI, M.A., M.COM., B.L., <i>Assistant Editor, Modern Review</i> . P. 436/1 Kabir Road, Calcutta.
8-1-96	F	* Burn , SIR RICHARD, KT., C.S.I., M.A., F.R.A.S.B. 9 Staverton Road, Oxford, England.
4-12-39	R	Cameron , REV. ALLAN, M.A., B.D., <i>Principal, Scottish Church College</i> . 3 & 4 Cornwallis Street, Calcutta.
2-4-45	R	Carpenter , FRANCIS WILLIAM ALAN, M.INST.F., M.INST.MET., M.I. & S.INST., M.M. & G.S., F.R.B.A., F.R.A.S., <i>Messrs. Bird & Co., Chartered Bank Buildings</i> . 6 Middleton Mansion, 9/1 Middleton Street, Calcutta.
4-7-27	L	Chakravarti , CHINTAHARAN, M.A., KĀVYATĪRTHA, <i>Professor of Bengali</i> . Krishnagar College, Krishnagar.
2-7-45	R	Chakravarti , J. S. NARASIMHACHARYA, B.A. (PUNJAB), LL.B. (ALLAHABAD), <i>Vakil</i> . Dindigul, Madras Presidency.
3-2-30	N	Chakravarti , M. N., M.SC., <i>Divisional Transportation Officer, N.W.R.</i> 14 Kutcheri Road, Karachi.
3-1-27	N	Chakravarti , NIRANJANPRASAD, O.B.E., M.A., PH.D. (CANTAB.), <i>Deputy Director-General, Archaeological Survey of India</i> . Simla.
6-2-39	N	Chakravarti , RASH MOHAN, PH.B., PURANRATNA, VIDYAVINODE, <i>Superintendent, Rammala Library and Museum</i> . P.O. Comilla, Dt. Tipperah.
7-5-45	L	Chakravarti , SHRISH CHANDRA, M.L.C., <i>Solicitor, High Court</i> . 2 Marquis Street, Calcutta.
1-5-44	R	Chanda , APURVA KUMAR, M.A., I.E.S. c/o Presidency College, College Street, Calcutta.
3-1-06	L	Chapman , JOHN ALEXANDER. 32 Lavington Road, West Ealing, London, W. 3.
1-7-40	R	Chatterjee , A. B., M.A., <i>General Manager, Metropolitan Printing & Publishing House Ltd.</i> 4-B Council House Street, Calcutta.
7-2-27	N	Chatterjee , ASHOK, B.A. (CAL.), B.A. (CANTAB.), <i>Labour Welfare Officer</i> . Burnpur, via Asansol.
27-10-15	F	Chatterjee , SIR ATUL CHANDRA, K.C.I.E., K.C.S.I., <i>Late High Commissioner for India</i> . Withdean, Cavendish Road, Weybridge, Surrey, England.
5-3-45	R	Chatterjee , B. B., <i>Barrister-at-Law</i> . 12 Circus Avenue, Flat 6, Calcutta.
2-10-44	N	Chatterjee , HARIGOPAL, M.A., H.M.D., <i>Ayurvedavachaspati, Jyotirbhusan, Tantracharya, Vaidic Ayurvijnan Mandir</i> . Machuabazar Ghat, Chinsura, Dt. Hooghly.
2-3-36	R	Chatterjee , MANOMOHAN, B.SC. (CAL.), PH.D. (LOND.), A.R.C.S., D.I.C., <i>Professor of Geology, Presidency College</i> . 170/2 Lower Circular Road, Calcutta.
4-6-45	R	Chatterjee , PHULLA COOMER, M.A., <i>Solicitor, Calcutta High Court</i> . 6 Old Post Office Street, Temple Chambers, Ground Floor, Calcutta.
1-10-20	R	Chatterjee , NIRMAL CHANDRA, <i>Barrister-at-Law</i> . 5 Theatre Road, Calcutta.
3-5-43	R	Chatterjee , PARESH CHANDRA. 6 Mission Row, Calcutta.
4-7-27	R	Chatterjee , PATITPABON, M.A., B.L., <i>Vakil, High Court</i> . 84 Harrison Road, Calcutta.
6-3-44	R	Chatterjee , RAKHA HARI, M.A., B.L., <i>Additional Land Requisition Collector</i> . 5 Bankshall Street, Calcutta.
5-3-45	R	Chatterjee , SATYENDRANATH, B.SC. (ECON.), LONDON, <i>Barrister-at-Law</i> . 2/1 Chandra Madhab Road, Elgin Road, Calcutta.
7-8-44	R	Chatterjee , SIYA PROSAD, M.B. (CAL.), <i>Medical Practitioner, Hony. Surgeon In-charge of Venereal Dept., Carmichael Hospital</i> . The Laurels, 56 Gariahat Road, Ballygunge, Calcutta.
2-9-40	R	Chatterji , BANKIM CHANDRA, M.SC., <i>Department of Pure Mathematics, Calcutta University</i> . 31-B. W. C. Bonnerjee Street, Calcutta.
4-6-34	N	Chatterji , BIJAN RAJ, PH.D. (LONDON), D.LITT. (PUNJAB), <i>Professor of History, Meerut College</i> . Meerut.
5-1-31	N	Chatterji , DURGACHARAN, M.A., <i>Lecturer in Sanskrit</i> . Chittagong College, Chittagong.

Date of Election.		
7-6-11	N	Chatterji, KARUNA KUMAR, M.B.E., LT.-COL., I.T.F., M.C., V.H.A.S. Sailasram, Kanke Road, Ranchi.
7-5-28	R	Chatterji, KEDAR NATH, B.SC. (LONDON), A.E.C.S. (LONDON). c/o Probasi Office, 120/2 Upper Circular Road, Calcutta.
6-8-24	R	*Chatterji, SUNITI KUMAR, M.A. (CAL.), D.LITT. (LONDON), F.R.A.S.B., Kumar Guruprasad Singh Professor of Indian Linguistics and Phonetics, Calcutta University. 'Sudharma', 16 Hindusthan Park (off Rashbehari Avenue East End), Ballygunge, Calcutta.
2-3-36	R	Chatterji, MRS. TUHNIKA, M.A., KAVYATIRTHA, Research Scholar, Examiner, Calcutta University. 5 Wood Street, Calcutta.
2-11-25	N	Chattopadhyaya, KSHETRESA CHANDRA, M.A., Lecturer in Sanskrit. Allahabad University, Allahabad.
5-11-24	R	Chattopadhyay, K. P., M.SC., Professor and Head of the Department of Anthropology, Calcutta University. 35 Ballygunge Circular Road, Calcutta.
5-3-45	R	Chaturvedi, SHYAMLAL, Stock Broker & Dealer. 54 Vivekananda Road, Calcutta.
5-2-45	R	Chaudhuri, A. N., Barrister-at-Law. 42 Jhowtolla Road, Calcutta.
2-10-44	N	Chaudhuri, JATINDRA MOHAN, B.A. (CAL.), B.T. (Dacca), Shastrarajna, Headmaster, Haripur Rajarshi Jogendra Narayan and Nagendra Bihari Institution. P.O. Jibanpur, Dinajpur.
4-4-38	R	Chaudhuri, MRS. ROMA, M.A., D.PHIL. (OXON), Professor of Logic, Lady Brabourne College. 3 Federation Street, Calcutta.
2-4-45	R	Chaudhuri, SACHINDRANATH, Barrister-at-Law. 52/5 Ballygunge Circular Road, Calcutta.
4-11-35	R	Chaudhuri, S. N. 52 Ballygunge Circular Road, Calcutta.
21-9-45	R	Chaudhuri, Miss UMA. 26 Beltala Road, P.O. Bhowanipur, Calcutta.
2-4-45	R	Chokhany, MOHAN LAL, Businessman. 2 Royal Exchange Place, Top Floor, Calcutta.
3-5-43	R	Chokhany, RAM DEV, RAI BAHADUR. 2 Royal Exchange Place, Top Floor, Calcutta.
5-12-23	L	Chopra, B. N., D.SC., F.N.I., F.L.S., Off. Director, Zoological Survey of India. Kaiser Castle, Benares Cantonment.
1-2-22	N	*Chopra, SIR R. N., K.T., C.I.E., M.A., SC.D., M.D. (CANTAB.), F.R.C.P., F.N.I., F.R.A.S.B., BREVET-COL. I.M.S., Drug Research Laboratory, Jammu and Kashmir State. Srinagar, Kashmir.
1-1-45	R	Chowdhury, ABUL BASHAR MUHAMMAD SULTAN-UL-ALAM, M.A., Lecturer in the Department of Arabic and Persian, Calcutta University. 45 Gorachand Road, Calcutta.
2-4-28	R	Chowdhury, RAI JATINDRANATH, Zemindar. 36 Russa Road, Tollygunge, Calcutta.
2-10-44	R	Chunder, PRATAP CHANDRA, M.A., B.L., Research Student in Indian History. 23 Wellington Street, Calcutta.
2-4-45	R	Clark, IAN ARCHIBALD, Partner, Messrs. Anderson Wright & Co., Merchants and Agents. 7 Wellesley Place, Calcutta.
2-2-31	R	Clough, JOHN, Barrister-at-Law. 17 Store Road, Ballygunge, Calcutta.
2-4-45	R	Connell, T., Major, Corps of Indian Engineers, Controller of Food Supplies, B. & A. Ry. U.S. Club, Calcutta.
7-2-44	R	Cowen, E. O. BRUCE, Lt., R.I.N.V.R., Naval Officer. c/o H.M.I. Naval Office, Calcutta.
2-7-45	R	Cook, NEIL ARTHUR MILTON, Structural Engineer. c/o Messrs. Jessop & Co., Ltd., 93 Clive Street, Calcutta.
6-3-39	A	Culshaw, REV. WESLEY JAMES, Methodist Minister. 16 Sudder Street, Calcutta.
5-3-45	R	Curlender, A., Merchant. 9 Theatre Road, Calcutta.
5-3-45	R	Das, BANAMALI, Barrister-at-Law. 3 Valmeek Street, Kalighat, Calcutta.
5-3-45	R	Das, DEBUBA RANJAN, Barrister-at-Law. 10 Old Post Office Street, Calcutta.
2-4-45	N	Das, G. S., B.A. (LONDON), Professor of History and Secretary, Provincial Museum of Orissa. P.O. Chauliaganj, Cuttack.
6-12-43	N	Das, JYOTIRINDRA NATH, RAI SAHIB, B.SC., Deputy Conservator of Forests. Sylhet, Assam.

Date of Election.		
6-3-44	R	Das, S. A., A.L.A.A. (LOND.), <i>Officier L'Academic (Paris)</i> , <i>Secretary, Messrs. J. Stone & Co. (India) Ltd.</i> P.10 Lake Terrace, P.O. Rashbehari Avenue, Calcutta.
5-3-45	R	Das, THE HON'BLE MR. JUSTICE S. R., <i>Judge, Calcutta High Court.</i> 129 Regent Park, Tollygunge, Calcutta.
5-12-39	A	Das-Gupta, C. C., M.A., PH.D. (CAL. ET CANTAB.), <i>Professor, Carmichael College.</i> Rangpur.
5-3-45	R	Das-Gupta, K. C., M.A. (CANTAB.), I.C.S., <i>Barrister-at-Law, Registrar.</i> High Court, Calcutta.
3-7-44	R	Das-Gupta, S., B.SC. (CAL.), M.SC. TECH (MANCHESTER), A.I.C. Lhasa Villa, 80 Park Street, Calcutta.
5-3-45	R	Das-Gupta, SUBODH RANJAN, <i>Barrister-at-Law.</i> 23 Hindusthan Park, Ballygunge, Calcutta.
6-8-24	L	Davies, L. M., LT.-COL., M.A., F.R.S.E., F.R.A.I., F.G.S. 8 Garscube Terrace, Murrayfield, Edinburgh, 12, Scotland.
4-3-29	R	De, J. C., M.B., M.B.C.P., M.B.C.S., LT.-COL., I.M.S. 11 Rowland Road, Calcutta.
3-6-40	N	De, JATIS CHANDRA, M.A., B.L. (CAL.), M.A. (LOND.), <i>Lecturer in History, Hindu University.</i> Benares.
5-3-45	R	Deb, RABINDRA KRISHNA, <i>Solicitor.</i> c/o Messrs. Dutt & Son, 6 Old Post Office Street, Calcutta.
5-12-27	L	Dechhen, H.H. MAHARANT KUNZANG, <i>Maharani of Sikkim.</i> Gangtok, Sikkim.
1-5-44	R	Demetrius, ST. JOHN, C. A., <i>Proprietor, Messrs. George Read & Co.</i> 1 Avenue House, Chowringhee Square, Calcutta.
5-5-30	N	Deo, SR PRATAP CHANDRA BHANJ, K.C.I.E., <i>Maharajah, Ruler of Mayurbhanj State.</i> P.O. Baripada, Mayurbhanj, B.N.R.
7-8-44	N	Dewsbury, GELSON THOMAS, <i>Flying Officer, R.A.F.</i> c/o Messrs. Lloyds Bank Ltd., New Delhi.
4-5-10	L	Dhavl, SHANKAR BALAJI, B.A., I.C.S. (retd.), <i>Formerly Judge, Patna High Court.</i> The Bai Jerbai Wadia Library, Fergusson College, P.O. Deccan Gymkhana, Poona.
2-11-42	L	Dhiman, MEHAR CHAND, <i>Merchant.</i> Tulsi Niwas, 115 Benares Road, Salkia, Howrah.
5-3-45	R	Dickinson, ERIC CHARLES, M.A. (HONS. OXON), <i>Offg. Principal, Government College, Lahore.</i> 12 Kacheri Road, Lahore.
4-8-20	N	*Dikshit, KASHINATH NARAYAN, RAO BAHADUR, M.A., F.R.A.S.B., <i>formerly Director-General of Archaeology.</i> Rai Bahadur Chitale's Bungalow, Bhandarkar Institute Road, Poona.
5-1-98	R	Dods, WILLIAM KANE, <i>Agent, Hongkong and Shanghai Banking Corporation.</i> 6 Minto Park, Alipur, Calcutta.
5-3-45	R	Dossani, G. A., KHAN BAHADUR, <i>Merchant.</i> 234/5 Lower Circular Road, Calcutta.
2-7-02	L	Doxey, FREDERICK. 'Ballygunge', Cooden Drive, Bexhill-on-Sea, Sussex, England.
7-11-32	R	Driver, DARAB CURSETJI, M.A. (CANTAB.), <i>Barrister-at-Law; Constituted Attorney to Messrs. Tata & Sons, Ltd.; Managing Agents for the Tata Iron & Steel Co., Ltd.</i> Flat No. 1, 2-A Lord Sinha Road, Calcutta.
6-6-38	N	Dudhoria, NABA KUMAR SING, <i>Zemindar and Banker.</i> Azimganj, Dt. Murshidabad.
2-4-45	R	Dugar, SOHANLALL. 40 Lansdowne Road, Calcutta.
2-4-45	R	Dunderdale, DAVID PLATT, <i>Solicitor and Notary Public, Sandersons and Morgans.</i> 26 Dalhousie Square, Calcutta.
2-1-33	R	Dutch, ROBERT AUSTEN, O.B.E., B.A. (CANTAB.), I.C.S., <i>Secretary, Home Dept., Government of Bengal.</i> U.S. Club, Calcutta.
5-3-45	R	Dutt, M. N., <i>Stock and Share Broker.</i> 29 Creek Lane, Calcutta.
30-9-35	R	Dutt, MOHENDRA NATH, L.E., I.S.E. (retd.), <i>Consulting Engineer.</i> 12 Kailas Bose Lane, Howrah.
5-12-32	R	Dutt, NALINAKSHA, M.A., B.L., PH.D., D.LITT. (LOND.), <i>Lecturer, Calcutta University.</i> 39 Badur Bagan Row, P.O. Amherst Street, Calcutta.
1-7-40	R	Dutt, SUDHIR CHUNDER, MAJOR, M.B., A.I.R.O., <i>Ophthalmic Surgeon, Mayo Hospital.</i> 214/2 Lower Circular Road, Calcutta.
1-1-45	R	Dutt, SUDHENDRA KRISHNA, M.A. (OXON), <i>Barrister-at-Law, Asst. Registrar, Calcutta University.</i> 7 Raja Guru Das Street, Calcutta.

Date of Election.		
5-3-45	L	Dutta, DWIJENDRA C., F.R.A.S., F.R.S.A., <i>Assistant Private Secretary to H.H. The Maharaja Manikya Bahadur of Tipperah</i> . P.O. Agartala, Tripura State.
5-6-44	R	Dutton, NEVILLE CHARLES, <i>Asst. Commissioner of Commercial Taxes, Bengal</i> . 12 Chandmari Road, Howrah.
2-12-40	R	Edgley, THE HON'BLE MR. JUSTICE NORMAN GEORGE ARMSTRONG, M.A. (OXON), <i>Barrister-at-Law, I.C.S., Judge, Calcutta High Court</i> . 9/1 Middleton Street, Calcutta.
5-6-44	R	Edwards, LEONARD BROOKE, <i>Chief Mission Officer, U.S. Foreign Economic Administration, Croix de Guerre 1916; M.I.C.E. (IND.)</i> . 2/8 Lansdowne Road, Calcutta.
2-4-45	R	Ellis, THE HON'BLE MR. JUSTICE THOMAS HOBART, M.A. (OXON), I.C.S., <i>Judge, Calcutta High Court</i> . 9 Loudon Court, Loudon Street, Calcutta.
1-5-44	N	Elwin, VERRIER, D.SC. (OXON), F.N.I., F.R.A.I., <i>Dy. Director, Anthropological Survey of India</i> . 64 Cantonment, Benares.
7-8-44	L	Elmhirst, LEONARD KNIGHT, M.A. (CANTAB.), B.SC. (AGRI.), <i>Cornell, Special Officer, Dept. of Agriculture, Bengal</i> . England.
7-5-45	R	Euthymopulo, GEORGE, <i>Manager, Messrs. Ralli Bros., Ltd.</i> 16 Hare Street, Calcutta.
5-1-31	L	Evans, PERCY, B.A. (CANTAB.), F.G.S., <i>Geologist</i> . c/o The Burmah Oil Co., Digboi, Assam.
1-12-41	N	Ewart, DOUGLAS J., <i>Missionary of Presbyterian Church of Scotland</i> . Westminster Hostel, Rajshahi, Bengal.
6-2-28	L	Ezra, SIR DAVID, KT., F.Z.S., M.B.O.U. 3 Kyd Street, Calcutta.
2-5-38	R	Faroqui, NAWAB SIR K. G. M., KT., of Ratanpur. 10 Rowland Road, Ballygunge, Calcutta.
2-12-29	R	Fawcus, LOUIS REGINALD, O.S.I., C.I.E., B.A. (CANTAB.), I.C.S., <i>Member, Board of Revenue, Bengal</i> . United Service Club, Calcutta.
3-1-44	N	Feldman, HENRY HERBERT SIDNEY, <i>Major, R.A.</i> c/o Messrs. Grindlay & Co., Ltd., New Delhi.
5-3-45	A	Fergie, KENNETH RISHTON, <i>Assistant, Messrs. George Henderson & Co., Ltd.</i> 101/1 Clive Street, Calcutta.
3-8-04	L	*Ferrior, SIR LEWIS LEIGH, KT., O.B.E., M.INST.M.M., D.SC., A.R.S.M., F.G.S., F.R.S., F.N.I., F.R.A.S.B., <i>Formerly Director, Geological Survey of India</i> . 24 Durdham Park, Bristol 6, England.
7-5-45	R	Finch, LANCELOT, <i>Chief, Additional Deputy Commissioner, Calcutta Police, Security Control Office</i> . 3/1 Pretoria Street, Calcutta.
4-1-26	F	Fleming, ANDREW. Tigh-Na-Bruaich, 3 Campbell Road, Parktown West, Johannesburg, S. Africa.
2-4-45	R	Footitt, R. L. C., <i>Assistant, Burmah Shell</i> . Hong Kong House, Dalhousie Square (South), Calcutta.
4-3-40	R	Foster, ALBERT RIDGELEY, B.SC., A.I.C., <i>Agricultural Chemist and Agricultural Expert</i> . c/o Imperial Chemical Industries (India) Ltd., 18 Strand Road, Calcutta.
2-4-45	R	Foster, REGINALD, O.B.E., <i>Chairman, Messrs. Turner, Morrison & Co., Ltd.</i> 6 Lyons Range, Calcutta.
5-11-13	L	*Fox, SIR CYRIL S., KT., D.SC. (BIRM.), M.I.M.E., F.G.S., F.N.I., F.R.A.S.B. <i>Formerly Director, Geological Survey of India</i> . 5 Loudon Court, Moira Street, Calcutta.
5-2-45	R	Franklin, GARRICK GEORGE, <i>Master Pilot, Bengal Service</i> . United Service Club, Calcutta.
2-4-45	R	Gahan, PATRICK JOSEPH, <i>Indian Stores Dept. (ret'd.)</i> . U.S. Club, Calcutta.
5-11-28	R	Galstaun, JOHN CARAPIET, O.B.E., <i>Merchant and Landholder</i> . 227/1 Lower Circular Road, Calcutta.
1-11-26	A	Galstaun, SHANAZAN G., M.A., D.M.B.E., F.F.R., M.R.C.S., L.R.C.P., <i>Radiologist, Medical College Hospital</i> . 34 Chowringhee Road, Calcutta.
2-4-45	R	Ganeriwalla, HARI PRASAD, <i>Banker and Businessman</i> . 64 Pathuriaghata Street, Calcutta.
6-10-09	R	*Gangoly, ORDHENDRA COOMAR, B.A., F.R.A.S.B. 84-B Shambhunath Pundit Street, Elgin Road, Calcutta.
7-5-45	R	Ganguli, ANIL CHANDRA, <i>Barrister-at-Law</i> . 47/2 Gariahat Road, Calcutta.

Date of Election.		
8-11-45	R	Ganguli, AMIYA KANTA, B.A., B.L., <i>Regional Movement Officer (Civil Supplies Department)</i> . 22 Lansdowne Terrace, Calcutta.
5-11-45	R	Ganguli, ARUN, L.D.S. (VIENNA), D.D.S.C. (U.S.A.), F.I.C.D., <i>Dental Surgeon, Visiting Surgeon and Teacher of Dental Surgery, Carmichael Medical College and Hospitals</i> . 26 Chowringhee, Calcutta.
2-4-45	R	Ganguly, GOPALDAS, <i>Accounts Officer-in-Charge, Messrs. Dosh Mohammed Estate, Ltd.</i> 25/D Sahanagar Road, Kalighat, Calcutta.
1-5-44	N	Ganguly, SARAT KUMAR, <i>Member of the International Educational Council, Haron, U.S.A., Asst. Teacher, H.C.H.E. School</i> . Abu Saleh Road, Gaya.
2-4-45	R	Gentle, THE HON'BLE MR. JUSTICE FREDRICK WILLIAM, M.A. (CANTAB.), <i>Judge, High Court of Judicature</i> . 52/1 Ballygunge Circular Road, Calcutta.
2-4-45	N	George, FRANK, I.C.S. c/o Messrs. Lloyds Bank, Darjeeling.
2-1-33	N	George, JAMES, B.A. (CANTAB.), I.C.S. <i>Collector's House, Khulna</i> .
5-6-44	R	Ghani, OSMAN, M.A. (HIST. & ENG.), <i>Registrar of Publications</i> . Writers' Buildings, Calcutta.
2-4-45	R	Ghatak, AJIT KUMAR, B.A., <i>Managing Director, Calcutta Union Bank Ltd.</i> 71 Clive Street, Calcutta.
5-2-40	N	Ghatak, INDU BHUSHAN, B.A. (CAL.), C.T.E. (DAC.), M.ED. (AMB.), DIP. LIB. (B.L.A.), <i>Examiner, Patna University; Lecturer, St. John Ambulance Association; Ex-member, Subordinate Educational Service, C.P.; Associate, Red Cross Society; Headmaster, State High School</i> . P.O. Ramanujganj, Surguja State.
6-2-33	L	Ghatak, JYOTISH CHANDRA, M.A. (TRIPLE), SAHITYA SARASWATI, JYOTISH-SAGARA, <i>Professor, Calcutta University</i> . 4 Boloram Bose Ghat Road, Bhawanipore, Calcutta.
5-8-43	R	Ghose, DEBES CHANDRA, <i>Merchant and Tea Estate Agent</i> . P.O. Box No. 632; 'Mission Court', P. 12 Mission Row Extension, Calcutta.
1-11-43	R	Ghose, GOBINDA PRASAD, M.A., B.L., <i>Landholder</i> . 43 Rashbehari Avenue, Calcutta.
4-6-45	R	Ghose, KSHETRAPAL DAS, M.A. (OXON), <i>Liaison Officer, Home (Defence) Department</i> . 30 Mahanirvan Road, Calcutta.
5-3-45	R	Ghose, MANINDRA NATH, <i>Barrister-at-Law and Professor</i> . 11 Dover Lane, P.O. Rashbehari Avenue, Calcutta.
1-6-42	R	Ghose, RABINDRA CHANDRA, <i>Barrister-at-Law</i> . 10 Debendra Ghose Road, Bhawanipore, Calcutta.
3-12-24	R	Ghose, SUSHIL CHANDRA, B.A., <i>Deputy Magistrate</i> . 1 Sikdarbagan Street, Calcutta.
6-3-44	R	Ghose, SUSIL KUMAR, M.A., B.L., <i>Solicitor, Temple Chambers</i> . 6 Old Post Office Street, Calcutta.
5-2-45	R	Ghosh, BAIDYA NATH, <i>Director, Educational Film Corporation</i> . Windsor House, Mission Row Extn., Calcutta.
4-12-45	R	Ghosh, DEVA PRASAD, M.A., <i>Curator, Asutosh Museum of Indian Art, and Lecturer, Calcutta University</i> . 56/B Beadon Street, Calcutta.
5-3-45	R	Ghosh, HARICHARAN, M.A., B.L., P.R.S., F.R.E.S. (LOND.), <i>Vice-Principal, Bangabasi College and Lecturer, Calcutta University</i> . 45/1 Mudiali Road, Kalighat, Calcutta.
4-9-39	N	*Ghosh, SIR J. C., KT., D.S.C., F.N.I., F.R.A.S.B., <i>Director, Indian Institute of Science</i> . Hebbal, Bangalore.
2-4-24	R	Ghosh, K., D.T.M., D.P.H. (CANTAB.), L.M.S., <i>Medical Practitioner</i> . 45 Creek Row, Calcutta.
7-3-27	R	Ghosh, PHANINDRA NATH, M.A., PH.D., SC.D. (PADUA), F.INST.P., <i>Sir Rashbehary Ghosh Professor of Applied Physics, University of Calcutta</i> . 92 Upper Circular Road, Calcutta.
1-6-42	R	Ghosh, PRAKRITY KUMAR, M.SC., PH.D., D.S.C., D.I.C., F.N.I., <i>Geologist, Geological Survey of India</i> . 27 Chowringhee, Calcutta.
5-3-45	R	Ghosh, S. K., M.A., B.L., <i>Solicitor</i> . c/o Messrs. B. N. Basu & Co., Temple Chambers, 6 Old Post Office Street, Calcutta.
7-5-28	R	*Ghoshal, UPENDRA NATH, M.A., PH.D., F.R.A.S.B., <i>Formerly Professor of History, Presidency College</i> . 35 Badur Bagan Row, Calcutta.
1-2-26	R	Ghuznavi, SIR ABDUL HALIM, KT., M.L.A., <i>Zemindar</i> . 18 Canal Street, Entally, Calcutta.

Date of Election.		
6-8-28	R	Ghuznavi, ISKANDER S. K., <i>Zemindar.</i> 21 Syed Ameer Ali Avenue, Circus P.O., Calcutta (and) Dilduar, Mymensingh.
4-12-44	F	Gifford, FREDERICK RICHARD, O.B.E., LT.-COL., I.A., formerly Adviser in the Languages and Secretary, Board of Examiners. c/o 214, Loop Street, Pietermaritzburg, Natal, S. Africa.
7-12-36	R	Gillespie, ANDREW DOLLAR, <i>Chemist and Senior Partner, Messrs. Bathgate & Co.</i> 17 Old Court House Street, Calcutta.
5-3-45	R	Goenka, SIR BADRIDAS, KT., C.I.E. 145 Muktaran Babu Street, Calcutta.
1-5-44	N	Goetz, HERMANN, PH.D., <i>Art Historian, Curator, Baroda State Museum and Picture Gallery.</i> Baroda.
6-8-45	N	Gokhale, N. G., B.SC. (LOND.). Toklai Experimental Station, P.O. Cinnamara, Assam.
5-8-43	R	Gomes, POLYCARP JOSEPH, <i>Secretary, European Group, Calcutta Corporation.</i> 2/A Haralal Das Street, Calcutta.
5-2-45	R	Goodwyn, HAROLD PETER, B.A. (CANTAB.), I.C.S., <i>Deputy Secretary to the Governor of Bengal.</i> 5 Wellesley Place, Calcutta.
3-12-45	N	Gordon, J. E., Brigadier, Eastern Command Indian Army, H.Q. Eastern Command. c/o 12 A.B.P.O.
7-9-10	F	*Gravelly, FREDERIC HENRY, D.SC., F.N.I., F.R.A.S.B. 52 London Road, Reading, England.
7-12-42	N	Griffiths, G. B., MAJOR, Frontier Force Rifles. c/o Messrs. Grindlay & Co., Ltd., Bombay.
6-5-40	R	Griffiths, REV. WALTER GERALDSON, B.SC. (CALIF.), B.D. (DREW), M.A. (NEW YORK), PH.D. (DREW), <i>Missionary.</i> 13 Wellington Square, Calcutta.
4-2-25	L	*Guha, B. S., M.A., PH.D. (HARVARD), F.N.I., F.R.A.S.B., <i>Director Anthropological Survey of India.</i> 64 Cantonment, Benares.
5-7-43	N	Gupta, HARISH CHANDRA, M.SC. (ALLAHABAD), I.C.S., <i>Additional Land Acquisition Collector.</i> Collector's House, Khulna.
2-11-42	R	Gupta, PRATUL CHANDRA, M.A., PH.D., <i>Lecturer, Calcutta University.</i> 125 Rashbehari Avenue, Calcutta.
5-8-15	R	Gurner, CYRIL WALTER, B.A. (OXON), C.S.I., I.C.S., <i>Chairman, Improvement Trust.</i> 5 Olive Street, Calcutta.
2-8-43	N	Gurunath, MARTI MANNARIAH, M.A., <i>Salt Merchant.</i> 93 Great Cotton Road, Tuticorin, S. India.
1-2-43	R	Habibullah, A. B. M., M.A., PH.D. (LONDON), DIP.LIB. (LONDON), <i>Lecturer, Department of History and Islamic History and Culture, Calcutta University.</i> 4 Tarik Dutt Road, Ballygunge, Calcutta.
2-4-45	R	Haddow, SIR RENWICK, KT., <i>Senior Resident Partner, Messrs. Mackinnon Mackenzie & Co.</i> 16 Strand Road, Calcutta.
4-1-43	R	Hal, HAFIZ MUHAMMAD ABDUL, M.A., <i>Professor in Arabic and Persian, Presidency College.</i> 42-A Beniapurkur Road, 2nd Floor, Block D, Calcutta.
5-6-44	N	Haldar, BALARAM, M.A., B.SC., B.L., <i>Rector, M.E. School.</i> English Bazar, Puratuli, Malda.
5-2-34	R	Haldar, BHARATI VIKAS, M.A., B.L., <i>Advocate, High Court.</i> 47 Haldarpara Road, Kalighat, Calcutta.
6-9-37	N	Halim, DR. ABDUL, M.A., <i>Lecturer in History, Muslim University.</i> Fida Manzil, Aligarh.
1-11-43	R	Halwasiya, PURUSHOTHAM DASS, <i>Merchant and Zemindar.</i> 47 Muktaran Babu Street, Calcutta.
2-4-24	R	Haq, M. MAHFUZ-UL, KHAN SAHIB, M.A., <i>Professor of Arabic and Persian, Presidency College.</i> 8/B Dargah Road, Park Circus, Calcutta.
1-11-43	R	Haralalka, BHAGABANDAS, M.A., <i>Merchant; Secretary, All-Bengal Weavers' Association.</i> 52/1/1 College Street, Calcutta.
1-2-26	F	Harris, H. G. GUNNESPOBY AVENUE, Ealing, London.
4-3-40	N	Harshé, RAMKRISHNA GANESH, B.A. (TILAK), D.LIT. (PARIS), <i>Registrar, Deccan College Post-Graduate and Research Institute.</i> Poona.
3-4-44	N	Harvey, REGINALD CHARLES, B.SC., A.M.I.C.E., A.I.N.R., <i>Senior Superintendent, Way and Works, E.I.Ry.</i> Moradabad.
7-6-43	N	Hasan Sharib, ZAHUR-UL, M.A., PH.D., LL.B., <i>Advocate, High Court.</i> 'Gul Afshan', Moradabad, U.P.
2-11-42	R	Hawes, ROBERT MARTIN. 18 Ballygunge Circular Road, Calcutta.
2-4-45	R	Hearn, FRANK T. H., <i>Messrs. Williamson Magor & Co.</i> 4 Mangoe Lane, Calcutta.

Date of Election.		
5-3-45	R	Hedley, GORDON BUSHELL, <i>Bengal Pilot Service</i> . U.S. Club, Calcutta.
2-11-42	R	Hendrie, JAMES HALKETT, <i>Associate Member, Institution of Mechanical Engineers; Major, Bengal Artillery: A.F.I., Manager, Calcutta Branch, Parry & Co., Ltd.</i> 19 British Indian Street, Calcutta.
6-8-28	N	*Heron, A. M., D.S.C. (EDIN.), F.G.S., F.R.G.S., F.N.I., F.R.S.E., <i>Formerly Director, Geological Survey of India. Mines and Geology Office, Hyderabad, Deccan.</i>
7-5-45	R	Hill, KENNITH ARTHUR LULHAM, M.A. (CANTAB.), I.C.S., <i>Magistrate and Collector, Howrah</i> . U.S. Club, Calcutta.
6-8-45	R	Himatsingka, MADANLAL, <i>Merchant and Manufacturer</i> . 25 Burtolla Street, Calcutta.
4-11-35	R	Hirtzel, MICHAEL ARTHUR FREDERICK, O.B.E., M.A. (OXON), <i>Mercantile Assistant, Macneill & Co.</i> 2 Fairlie Place, Calcutta.
1-4-25	L	Hobbs, HENRY, MAJOR, V.D. 21 Old Court House Street, Calcutta.
5-2-45	R	Hodge, W. E., B.A. (OXON), DIP.FOR., <i>Indian Forest Service</i> . U.S. Club, Calcutta.
2-12-40	R	Hodgson, LIONEL LEONARD, <i>Secretary and Treasurer, British and Foreign Bible Society (Calcutta Aux.)</i> . Bible House, 23 Chowringhee Road, Calcutta.
5-3-45	R	Holmes, CHARLES HERBERT. Bengal Club, Calcutta.
4-6-45	F	Hope, CHARLES ADRIAN, LIEUT., R.A., <i>Probationer, R.I.B.A.</i> 12 Ind. L.A.A. Regiment, 12 A.B.P.O. (23 Ann Street, Edinburgh, 4).
2-4-45	N	Hopkinson, ARTHUR JOHN, C.I.E., I.C.S., <i>Resident at Sikkim</i> . The Residency, Gangtok, Sikkim.
3-7-44	N	Ho'loway, JOHN E., <i>Technical Sergeant, U.S. Army</i> . New Delhi.
2-11-21	L	*Hora, SUNDER LAL, RAI BAHADUR, D.S.C., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B., <i>Director of Fisheries, Bengal</i> . 1 Deodar Street, Ballygunge, Calcutta.
5-2-45	R	Hosain, MUSHARRUFF, <i>Nawab, Zemindar, Khan Bahadur</i> . 87 Southern Avenue, Calcutta.
7-6-43	N	Hosain, SAYED MOZAFFAR. C.R.E.'s Office, Ranchi.
6-6-28	L	*Howard, SIR ALBERT, KT., C.I.E., M.A., F.R.A.S.B., <i>Late Director, Institute of Plant Industry, Indore, and Late Agricultural Adviser to States in Central India</i> . 14 Liskeard Gardens, Blackheath, London, S.E. 3.
7-3-32	R	Hughes, ARTHUR, B.A. (MANCHESTER), I.C.S., <i>Labour Commissioner, Bengal</i> . 8 Clive Street, C. Block, Calcutta.
1-5-44	R	Husain, MAHDI, M.A., PH.D., D.LITT., <i>Lecturer, Calcutta University</i> . c/o The Department of Islamic History and Culture, Darbhanga Buildings, College Street, Calcutta.
6-8-34	N	Husain, SYED ATA, M.A. (CAL.), C.E. (ROORKEE), <i>Retired Superintending Engineer, Hyderabad State</i> . Mohalla Lingumpally, Hyderabad, Deccan.
5-6-44	A	Hutchinson, EDWARD WALTER, M.A. (CANTAB.), c/o The Hongkong and Shanghai Banking Corporation, Dalhousie Square, Calcutta.
5-11-45	R	Hutchinson, WILLIAM, <i>Chartered Accountant, Partner, Ford, Rhodes, Thornton & Co.</i> 24 Esplanade Mansions, Calcutta.
1-2-11	L	Insch, JAMES. 18 Beechwood Avenue, Boscombe, Hants, England.
5-6-44	A	Irwin, JOHN CONRAN, CAPT. Persia.
2-12-40	A	Isch-Wall, CLAUDE, LICENCIÉ-ES-SCIENCE (MATHÉMATIQUES ET PHYSIQUES), <i>Lieutenant, British Army</i> . Grand Hotel, Calcutta.
5-11-42	R	Ishaque, MOHAMMED, M.A., B.S.C., PH.D. (LOND.), <i>Lecturer, Calcutta University</i> . 159/B Dhurumtollah Street, Calcutta.
2-5-38	R	Jacob, J. R., <i>Director, Messrs. B. N. Elias & Co., Merchant and Landholder</i> . Norton Buildings, Old Court House Corner, Calcutta.
6-6-27	L	Jain, BALDEODAS, <i>Merchant and Banker</i> . 21 Armenian Street, Calcutta.
2-2-21	R	Jain, CHROTE LAL, M.B.A.S. 174 Central Avenue, Calcutta.
2-4-45	R	Jalan, ISWAR DEO, M.A., B.L., <i>Attorney-at-Law, M.L.A. (BENGAL), Solicitor</i> . c/o Messrs. Khaitan & Co., 1 Old Post Office Street, Calcutta.
2-12-40	R	Jalan, MOHANLAL, <i>Landlord</i> . c/o Seth Soorajmall Jalan Smriti Bhawan, 186 Chittaranjan Avenue, Calcutta.
7-5-45	R	Jalan, NAND KISHORE, <i>Merchant</i> . 26 Amherst Street, Calcutta.

Date of Election.		
2-4-45	R	Jalan, RADHAKRISHNA, RAI BAHADUR, <i>Businessman</i> . Quila House, Patna City.
7-8-44	N	Jan, AGHA MUHAMMAD, F.T.S., <i>Member of G.W.C.S. League (London)</i> . Gulzarbagh, Patna.
1-11-38	R	Jatia, KANAI LALL. Messrs. Onkarmull Kanailall & Co., 11 Clive Street, Calcutta.
4-2-29	A	Jenkins, WALTER ALLEN, C.I.E., D.S.C., (SHEFFIELD), I.E.S., <i>Formerly Director of Public Instruction, Bengal</i> . United Service Club, Calcutta.
2-4-45	R	Jhajharia, N. K., <i>Businessman</i> . 160, Cross Street, Calcutta.
4-6-45	N	Job, THITAPILLI JOSEPH, D.S.C., <i>Deputy Director of Fisheries, Madras</i> . 95 Poonamallee High Road, Kilpauk, Madras.
6-12-43	N	Johnson-Marshall, PERCY EDWIN ALAN, DIP.ARCH., A.R.I.B.A. CAPT., R.E., <i>Architect and Planner</i> . c/o Messrs. Grindlay & Co. Ltd., 6 Church Lane, Calcutta.
1-11-11	L	Kamaluddin, AHMAD, SHAMS'UL-'ULAMA. M.A., I.E.S. (retd.). 3 Nawab Abdur Rahman Street, Calcutta.
7-5-45	R	Kashani, MOHAMED HASSAN, <i>Businessman</i> . c/o Messrs. M. M. K. Shirazi & Son, 21 Old Court House Street, Calcutta.
3-7-44	N	Kejriwal, RAMESHWAR. B.A., <i>Merchant</i> . P.O. Jasidih, S.P., Bihar.
4-6-45	R	Khaitan, BHAGAWATI PRASAD, <i>Attorney-at-Law, and Notary Public</i> . c/o Messrs. Khaitan & Co., 1-B Old Post Office Street, Calcutta.
5-3-45	R	Khaitan, GAJANAND, 43 Zakaria Street, Burrabazar, Calcutta.
3-4-43	R	Khaitan, KALI PRASAD, M.A., B.L., <i>Barrister-at-Law</i> . 6 South End Park, Rashbehari Avenue, Calcutta.
4-9-44	R	Khaitan, MRS. K. P. 6 South End Park, P.O. Rashbihari Avenue, Calcutta.
1-12-20	N	Khan, MAJOR NAWAB SIR MOHAMMED AKBAR, K.B.E., C.I.E., LT.-COL., I.A., <i>Khan of Hoti</i> . Hoti, N.W.F.P.
6-3-01	N	*Khan, H. M. HABIBUR RAHMAN, NAWAB SADR YAR JUNG BAHADUR, D.T.H. (ALIG.), F.R.A.S.B., <i>Rais</i> . Habibganj, District Aligarh.
2-4-45	R	Khan, AURELIUS DAVID, B.A. (CANTAB), I.C.S., <i>Additional Deputy Secretary, Home Department, Government of Bengal</i> . 20 Loudon Street, Calcutta.
6-3-44	R	Khan, MOHIBBUL-HASAN, <i>Lecturer in History, Calcutta University</i> . Flat No. 4, 5/C Sandel Street, Calcutta.
5-3-45	R	Khandelwal, KEDARNATH, RAI BAHADUR, <i>Stock and Share Broker</i> . 1/1 Bakery Road, Hastings, Calcutta.
3-7-44	R	Khemka, MADANLAL. <i>President, Marwari Chamber of Commerce, Councillor, Calcutta Corporation</i> . 63 College Street, Calcutta.
2-8-26	R	Khettry, BENTMADHO, <i>Proprietor, Messrs. Gouri Shanker Khettry, Landholders, Bankers and Merchants</i> . 15 Paggiyapatti, Barabazar, Calcutta.
7-12-42	N	Khosla, A. N., B.A., <i>Writer of Books</i> . Post Box No. 239, Lahore.
3-5-43	R	Khundkar, THE HON'BLE MR. JUSTICE N. A., <i>Judge, Calcutta High Court</i> . 1 Victoria Terrace, Calcutta.
5-2-34	N	Kirby, WALTER, C.I.E., B.S.C., <i>Inspector of Mines in India</i> . Dhanbad, E.I.R.
1-3-26	R	Kramrisch, STELLA (MRS.), PH.D., <i>Lecturer in Ancient Indian History (Fine Arts), Calcutta University</i> . 4 Shambu Nath Pandit Street, Calcutta.
5-3-45	R	Lacamp, ADRIAN, <i>Survey of India</i> . U.S. Club, Calcutta.
7-5-45	R	Lacombe, OLIVIER, <i>Professor 'agregé' of Philosophy, D.LITT. (PARIS), French Cultural Attache for India</i> . 26 Park Mansions, Park Street, Calcutta.
5-11-45	R	Lahiri, S. K., F.R.G.S. (LONDON). 65/3 Harrison Road, Calcutta.
5-3-45	R	Lahoty, BIHARI LALL. c/o Messrs. Krishna Behari Tea Co., Ltd., 161/1 Harrison Road, Calcutta.
4-2-35	R	Lal, RAM BIHARI, M.B.B.S., D.P.H., D.T.M. & H., D.B., F.N.I., <i>Professor of Vital Statistics and Epidemiology, All-India Institute of Hygiene and Public Health</i> . 110 Chittaranjan Avenue, Calcutta.
2-4-45	N	Lambert, ERIC THOMAS DRUMMOND, O.B.E., F.R.G.S., F.R.A.I., <i>Indian Police</i> . Shillong, Assam.
2-4-45	R	Lath, BABULAL, <i>Proprietor, Lath Brothers</i> . 46 Cross Street, Calcutta.
5-2-40	R	Law, ANANTA CHURN, <i>Attorney-at-Law</i> . 37 Badur Bagan Row, P.O. Amherst Street, Calcutta.

Date of Election.		
5-2-34	R	Law, BHABANI CHURN, <i>Merchant, Zemindar and Artist</i> . 223 Cornwallis Street, Calcutta.
5-8-14	L	*Law, BIMALA CHURN, M.A., B.L., PH.D., D.LITT., F.R.G.S., F.R.A.S.B., F.R.A.S. (Hony.). 43 Kailas Bose Street, Calcutta.
1-2-11	R	*Law, NARENDRA NATH, M.A., B.L., PH.D., F.R.A.S.B. 96 Amherst Street, Calcutta.
5-3-45	L	Law, NIRMAL CHANDRA, M.S.C., <i>Honorary Presidency Magistrate</i> . 50 Kailas Bose Street, Calcutta.
4-2-35	R	Law, PARBUTTY CHURN. 223 Cornwallis Street, Calcutta.
1-7-14	R	Law, SATYA CHURN, M.A., B.L., PH.D., F.N.I., F.Z.S., M.B.O.U. 50 Kailas Bose Street, Calcutta.
5-7-43	N	Lawson, CHARLES PRICHARD, M.L.A. (CENTRAL), <i>President, European Association</i> . c/o The Imperial Chemical Industries (India), Ltd., 18 Strand Road, Calcutta. (Queen's Way, New Delhi.)
4-9-44	R	Leggett, TREVOR PRYCE, BACHELOR OF LAW (LONDON). 6 Hungerford Street, Calcutta.
7-6-26	R	Lemmon, RICHARD DENNIS, <i>Merchant</i> . c/o Messrs. Martin & Harris, Mercantile Buildings, Leil Bazar, Calcutta.
5-3-45	R	Lethbridge, MONTAGU HENRY BOWALER, I.C.S., <i>President, Calcutta Tribunal</i> . 9 Loudon Court, Moira Street, Calcutta.
6-3-39	N	Lewis, MRS. SALLY, M.A. c/o Capt. J. M. Lewis, I.M.S., No. 8, I.B.G.H.(I.T.), c/o 23 A.B.P.O., India.
5-3-45	R	Liddle, GEORGE WILLIAM UMPLEBY, <i>Assistant Tea Controller, Messrs. J. Thomas & Co.</i> 1 Council House Street, Calcutta.
2-4-45	R	Llewellyn, JOHN LISTER, O.B.E., M.A. (CANTAB.), I.C.S. Magistrate's House, 1 Thackeray Road, Alipore, Calcutta.
1-6-31	L	Lort-Williams, SIR JOHN, KT., K.C., <i>Barrister-at-Law, formerly Offg. Chief Justice, High Court, Calcutta</i> . 2/1 Lansdowne Road, Calcutta.
2-4-45	R	Low, PETER DUNSTAN, O.B.E., <i>Chief Electrical Engineer, B. & A. Rys. United Service Club, Calcutta</i> .
5-3-45	R	Loyalka, GHANSHYAMDAS. 9 Royal Exchange Place, Calcutta.
2-10-44	R	McCabe, JOSEPH, <i>Translator</i> . 6 Hungerford Street, Calcutta.
2-8-05	L	*McCay, DAVID, LT.-COL., I.M.S., M.D., B.CH., B.A.O., M.R.C.P., F.R.A.S.B. c/o The Standard Bank of S. Africa, Hanover, Cape Province, S. Africa.
2-4-45	R	MacGregor, ROBERT A., C.I.E., M.I.MECH.E., <i>Consulting Metallurgist and Metallurgical Engineer, Chief Metallurgist to the Govt. of India (Retd.)</i> . 45/A Galstaun Mansions, Calcutta.
2-4-45	L	Mackie, JAMES, LT.-COL., <i>Indian Service of Engineers</i> . U.S. Club, Calcutta.
11-1-93	L	*MacLagan, SIR EDWARD DOUGLAS, K.C.S.I., K.C.I.E., F.R.A.S.B., <i>Formerly Governor of the Punjab</i> . 39 Egerton Terrace, London, S.W. 3.
7-6-16	L	Mahajan, SURYA PRASAD. Murarpur, Gaya, E.I.R.
3-3-20	R	Mahalanobis, P. C., M.A., B.SC., F.N.I., F.S.S., I.E.S., F.R.S. 210 Cornwallis Street, Calcutta.
4-6-45	N	Mahapatra, KEDARNATH, B.A. (HONS.), DIP.-IN-ED., <i>Archaeologist, Press Publicity Officer, Kalahandi State</i> . P.O. Bhowanipatna, E. S. Agency.
2-5-38	R	Mahtab, MAHARAJ KUMAR A. C. Aspad Villa, 14/1 Burdwan Road Alipur, Calcutta.
3-2-30	R	Mahtab, SIR UDAY CHAND, K.C.I.E., <i>Maharajahdhiraja Bahadur of Burdwan</i> . 2 Judges Court Road, Alipur, Calcutta.
6-2-24	A	Mahindra, K. C., B.A. (CANTAB.). Messrs. Martin & Co., 12 Mission Row, Calcutta.
2-4-45	R	Maitra, B. K., <i>Proprietor, Begonia West Colliery</i> . 50 Ezra Street, Calcutta.
1-12-41	N	Majumdar, DHIRENDRA NATH, M.A., PH.D. (CANTAB.), F.R.A.I., F.N.I. Anthropology Laboratory, Lucknow University, Lucknow.
3-7-39	R	Majumdar, JATINDRA MOHAN, M.A., <i>Deputy Dock Superintendent, Calcutta Port Commissioners</i> . 1 Chowringhee Terrace, Calcutta.
5-2-45	R	Majumdar, J. N., <i>Barrister-at-Law, Standing Counsel, High Court</i> . 63/1/2 Lansdowne Road, Calcutta.
2-2-16	N	Majumdar, NARENDRA KUMAR, M.A. Suri, Birbhum.
4-6-13	R	*Majumdar, RAMESH CHANDRA, M.A., PH.D., F.R.A.S.B., <i>Formerly Vice-Chancellor, Dacca University</i> . 4 Bepin Pal Road, Kalighat, Calcutta.

Date of Election.		
5-2-45	N	Mall, THAKUR JAMUNA, <i>Zemindar</i> . Village Lekhnaur, P.O. Rampur, Dt. Azamgarh.
4-11-29	N	Maliya, BANTWAL GANAPATHY, F.R.C.S., M.D., M.R.C.S., LT.-COL., I.M.S., <i>Officer Commanding, War Hospital</i> . Bikaner.
5-6-01	F	Mann, HAROLD HART, D.S.C., M.S.C., F.I.C., F.L.S. Woburn Experiment Station, Aspley Guise, Bedfordshire, England.
2-4-45	R	Manasseh, ASLAM, <i>Director, Messrs. Moran & Co., Ltd.</i> C/5 Clive Buildings (Post Box No. 72), Calcutta.
5-2-45	R	Martin, MARTYROSE, <i>Businessman</i> . 34 Free School Street, Calcutta.
2-4-45	A	Martin, OLAVS MACLEOD, C.I.E., I.C.S., <i>Commissioner, Post-War Reconstruction, Bengal</i> . U.S. Club, Calcutta.
4-9-44	N	Marwood, SIDNEY LIONEL, C.I.E., I.C.S., <i>Adviser to the Governor of Orissa</i> . Cuttack.
5-3-45	R	Mason, GEORGE HENRY, A.M.I.P.E., <i>Consulting Production Engineer, and Industrial Planning Officer, Director-General Aircraft</i> . 31 Chowringhee, Calcutta.
5-11-45	R	Matthai, DULEEP C., <i>Covenanted Assistant, Messrs. McLeod & Co. Ltd.</i> 28 Dalhousie Square West, Calcutta.
2-11-42	R	Mathews, HENRY IDRIS, <i>Director of Factory Recruitment, Indian Ordnance Services</i> . United Service Club, 29 Chowringhee, Calcutta.
2-4-45	N	May, THOMAS GEORGE, <i>Electrical Engineer, Messrs. General Electric Co. (India), Ltd.</i> Magnet House, Dougall Road, Ballard Estate, Bombay.
4-3-40	N	Mazumdar, DWIJENDRA LAL, B.A. (CANTAB.), M.A. (CAL.), I.C.S., <i>Dy. Secretary to the Government of India, Department of Labour</i> . Imperial Secretariat, New Delhi.
21-9-45	F	Miles, GEORGE C., M.A., PH.D., <i>Commander, U.S. Navy Reserve, U.S. Naval Liaison Officer</i> . 6 Church Lane, Calcutta.
4-1-43	F	Millar, GUY DENNY LAWRENCE, F.R.G.S., F.I.S.A. c/o Mrs. J. H. C. Millar, Tronis House, Padstow, Cornwall, England.
1-2-26	N	*Mills, JAMES PHILIP, C.I.E., I.C.S., M.A. (OXON), J.P., F.N.I., F.R.A.S.B. Secretariat, Shillong, Assam.
4-9-44	N	Misra, RAM KRIPAL, 'SUSHIL', B.A., <i>Sahityaratna</i> . Room No. 5, King Edward Hostel, Kamachha, Benares.
5-3-45	R	Mitra, ANIL CHANDRA, <i>Barrister-at-Law</i> . 94/A Lansdowne Road, Calcutta.
2-11-42	N	Mitra, MAJOR BHUPENDRA NATH, D.S.C. (DACCA), PH.D. (MINNESOTA), F.I.C., SIGMA XI. c/o Inspectorate of Military Explosives, Kirkee, Poona.
5-11-45	R	Mitra, MISS EVA, M.A., <i>Lecturer in Botany, Victoria Institution</i> . 14 Chowringhee Terrace, Calcutta.
5-2-45	R	Mitra, NALINI NATH, <i>Zemindar and Businessman</i> . 94 Bakul Bagan Road, Bhowanipore, Calcutta.
3-3-41	A	Mitra, MISS PRITI, M.A., <i>Research Student</i> . 14 Chowringhee Terrace, Calcutta.
5-6-44	R	Mitra, PROKASH CHANDRA, B.E., A.M.I.E. (IND.), <i>Consulting Engineer, Proprietor, P. O. Mitter & Co.</i> 98 Clive Street, Calcutta.
7-2-44	R	Mitra, ROHINDRALALA, <i>Solicitor</i> . 143 Raja Rajendralala Mitra Road, Belegata, Calcutta.
2-7-45	R	Mitra, S. K., M.B.E., D.S.C., <i>Professor of Physics, Calcutta University</i> . 92 Upper Circular Road, Calcutta.
5-3-24	N	Mitter, SIR B. L., K.C.S.I., M.A., B.L., <i>Dewan, Baroda State</i> . Baroda.
5-3-45	R	Mitter, GOPENDRA KRISHNA, <i>Barrister-at-Law</i> . c/o Bar Library, High Court, Calcutta.
5-2-45	R	Mitter, J. K., <i>Sheriff of Calcutta, High Court</i> . 1 Raja Rajballav Street, Calcutta.
5-4-26	R	Mitter, KHAGENDRA NATH, RAI BAHADUR, M.A., <i>Ramtanu Lahiri Professor of Bengali Language and Literature, Calcutta University</i> . 6 Ballygunge Place, Calcutta.
5-3-45	R	Mitter, THE HON'BLE MR. JUSTICE RUPENDRA COOMAR, <i>Judge, Calcutta High Court</i> . P. 24-25 Sch. VIII-J. Chittaranjan Avenue, P.O. Hatkhola, Calcutta.
5-3-45	R	Mitra, SALENDRA NATH, B.S.C., B.COM. (LOND.), A.C.A., <i>Auditor</i> . 59 Belgachia Road, Calcutta.
30-9-45	R	Mitter, SUDHIR CHUNDER, <i>Barrister-at-Law</i> . 19 Camac Street, Calcutta.
1-11-26	R	Modi, JAL R. K., B.A. 14 Camac Street, Calcutta.

Date of Election.		
5-3-34	R	Modi, JEHANGIR JEEVANJI JAMSHEDJI, <i>Merchant</i> . 183 Dhurum-tollah Street, Calcutta.
1-1-45	R	Molgaard, V. B., M.A., C.TH. (COPENHAGEN), CAPT. c/o The Danish Consulate, 5 Fairlie Place, Calcutta.
2-4-45	R	Montgomery, ALEXANDER THOMSON, C. A., <i>Accountant to Messrs. Balmer Lawrie & Co., Ltd.</i> 103 Clive Street, Calcutta.
5-3-45	R	Mookerjee, BENODE GOPAL, <i>Zemindar, Bakulia House</i> , 2 Bishu Babu's Lane, Kidderpur, Calcutta.
5-11-24	R	Mookerjee, SR B. N., KT., B.A. (CANTAB.), <i>Partner, Messrs. Martin & Co.</i> 12 Mission Row, Calcutta.
7-2-44	R	Mookerjee, SATKORI, M.A., PH.D., <i>Head of the Department of Sanskrit, Calcutta University</i> . 4-B Ramcharan Ghose Lane, Calcutta.
2-7-24	R	Mookerjee, SYAMAPRASAD, M.A., B.L., LL.D., D.LITT., <i>Barrister-at-Law</i> . 77 Asutosh Mookerjee Road, Calcutta.
6-8-45	R	Mookerji, RADHA KUMUD, M.A., PH.D. 39 Ekdalia Road, Ballygunge, Calcutta.
5-3-45	R	Mookharjee, JNANDA PRASAD, <i>Barrister-at-Law</i> . 39/1 Girish Mukherjee Road, Bhawanipore, Calcutta.
5-4-37	N	Mooney, H. F., O.B.E., M.A., I.F.S., <i>Forest Adviser, Eastern States</i> . Sambalpur, B.N.Ry., Orissa.
1-1-45	R	More, SETH CHANDI PRASAD. P. 5 Chitpur Spur, Calcutta.
2-4-45	R	Mortimer-Wheeler, ROBERT ERIC, M.C., M.A., D.LITT., F.B.A., F.S.A., <i>Director-General of Archaeology in India</i> . Gorton Castle, Simla.
4-1-43	R	Morton, SIR GEORGE B., KT., O.B.E., M.C. c/o Messrs. Bird & Co., Chartered Bank Buildings, Calcutta.
2-4-45	R	Muirhead, ALEXANDER KERSHAW, <i>Indian State Railways (Retd.)</i> , Office of Iron & Steel Control. 100 Clive Street, Calcutta.
4-12-39	R	Mukerjee, JYOTISH CHANDRA, <i>Formerly Chief Executive Officer, Calcutta Corporation</i> . 28 Camac Street, Calcutta.
6-3-39	N	Mukerjee, S. C., <i>Retired Member of the Indian Civil Service</i> . 'Westward Ho', Happy Valley, Mussoorie, U.P.
2-2-21	N	Mukerjee, SUBODH CHANDRA, SHASTRI, M.A., DOCTEUR-ES-LETTRES (PARIS), <i>Head of the Dept. of Sanskrit, Hindu University</i> . Benares.
1-2-43	R	Mukerjee, S. K., M.Sc., PH.D. P.O. Royal Botanic Garden.
2-4-45	R	Mukerji, J. C., <i>Medical Practitioner</i> . 22 Park Street, Calcutta.
1-1-45	R	Mukerji, SHANKAR, M.D.H. (W.W.I.), <i>Registered Homeopathic Practitioner</i> . 79/3/A Lower Circular Road, Calcutta.
2-4-45	R	Mukherjee, BIJAY BIHARI, RAI BAHADUR, <i>Advocate, High Court (Director of Land Records and Surveys, Retd.)</i> . 4 Gokhale Road, Elgin Road P.O., Calcutta.
2-8-26	N	*Mukherjee, JNANENDRA NATH, C.B.E., D.SC. (LONDON), F.N.I., F.R.A.S.B., <i>Director, Imperial Institute of Agricultural Research</i> . New Delhi.
5-3-45	R	Mukherji, ISWAR PROSONNO, <i>Barrister-at-Law</i> . 10 Allenby Road, P.O. Elgin Road, Calcutta.
5-7-26	R	Mukhopadhyaya, PRABHAT KUMAR, M.A., <i>Research Assistant, Calcutta University</i> . 6 Hindusthan Park, Ballygunge, Calcutta.
2-2-21	R	Mukhopadhyaya, RAMAPRASAD, M.A., B.L. 77 Asutosh Mookerjee Road, Bhawanipore, Calcutta.
3-5-43	R	Mullan, CHARLES SAMUEL, C.I.E., M.A., I.C.S., <i>Commissioner of Income Tax, Bengal</i> . U. S. Club, Calcutta.
3-7-44	R	Mullick, BIRENDRA, <i>Land-holder, Marble Palace</i> , 46 Mukhtaram Babu Street, Calcutta.
2-4-28	R	Mullick, KARTICK CHURN, KUMAR, <i>Director, Raja D. N. Mullick & Sons, Ltd.</i> Colootola Rajbati, Chittaranjan Avenue, Calcutta.
2-4-45	R	Murphy, WILLIAM EDWARD, <i>Director, Messrs. Guest, Keen, Williams, Ltd.</i> 7 Council House Street, Calcutta.
7-5-28	N	Murray, EUGENE FLORIAN OLIPHANT, A.I.M.M., F.G.S., <i>Mining Geologist and Engineer</i> . Tatanagar, B.N.Ry.
5-6-39	R	Nag, KALIDAS, M.A. (CAL.), D.LITT. (PARIS), <i>Lecturer, Calcutta University</i> . P. 26 Raja Basanta Roy Road, Lansdowne Road Extension, Calcutta.
5-12-27	L	Namgyal, H.H. MAHARAJA SIR TASHI, K.C.I.E., <i>Maharaja of Sikkim</i> . Gangtok, Sikkim.
5-2-45	L	Namgyal, PALDEN THONDUP, <i>Maharaj-Kumar of Sikkim</i> . The Palace, Gangtok, Sikkim.

Date of Election.		
6-6-27	N	Nandi, MAHARAJA SRIS CHANDRA, M.A., M.L.C., Zemindar, Kasimbazar Rajbari, Kasimbazar, Murshidabad.
5-2-34	N	Nariman, RUSTOM K., M.I.C.E., A.C.H., F.R.G.S. (Retired Superintending Engineer, Punjab Irrigation), Professor of Engineering, Osmania University. 9 Esplanade Mansion, Esplanade, Bombay.
2-4-45	R	Nath, JOGENDRA CHANDRA, Imperial Forest Service, Forest Utilisation Officer, Bengal. 6 Dover Lane, Ballygunge, Calcutta.
2-10-44	N	Nath, RAJMOHAN, B.E., Executive Engineer, P.W.D. Jorhat, Assam.
5-3-45	R	Nazim-ud-Din, KWAJA SIR, K.C.I.E. 31 Theatre Road, Calcutta.
5-3-28	R	Neogi, PANCHANAN, M.A., PH.D., F.N.I., I.E.S. (ret.), Principal, Maharaja Manindra Chandra College. 44A New Shambazar Street, Calcutta.
2-7-45	R	Newatia, RADHAKRISHNAN, Merchant. 185 Harrison Road, Calcutta.
3-11-30	N	Newman, CARL DAMIEN, M.B., B.S., D.T.M. & H., D.P.H., Medical Officer. 6 Mayo Gardens, Lahore.
3-12-24	N	Newman, CHAS. F., F.R.G.S., M.R.S.T., M.C.P. Ramnagar, Benares.
2-4-45	R	Nicholls, HARRY NORMAN, Businessman. 12 Dover Park, Ballygunge, Calcutta.
7-5-45	R	Nimmo, THOMAS BRYCE, LIUT-COLONEL, E.D., Hon. A.D.C. to the Governor of Bengal, Member, Bengal Legislative Council, Messrs. Duncan Bros. & Co., Ltd. 101 Clive Street, Calcutta.
2-7-45	R	Nisser, ARTHUR RAYMOND, E.E.HONS. (U.S.A.), D.I.C. (LONDON), Consulting Electrical Engineer. 27 Ripon Street, Calcutta.
1-1-45	N	Nixon, ALLAN, Second Officer, Merchant Navy. c/o B.I.M.S. Club, Chowringhee Lane, Calcutta.
2-11-42	R	Norman, G. A. S., Agent, Standard Life Assurance Co., Ltd. 32 Dalhousie Square, Calcutta.
5-3-45	R	Nougerede, VINCENT ADAIR DE LA, Civil Engineer, Sleeper Control Officer, Eastern Group. United Service Club, Calcutta.
6-8-45	R	Nowlakha, CHUNILAL, Banker. 118-B Chittaranjan Avenue, Calcutta.
1-1-45	F	Ogden, LIONEL R., MAJOR, O.B.E., M.A. (CANTAB.), F.R.S.A., F.R.A.I., Assistant Superintendent, Burma Frontier Service. c/o Messrs. Grindlay & Co., Ltd., 54 Parliament Street, London, S.W.
5-2-45	R	Ormond, THE HON'BLE MR. JUSTICE ERNEST CHARLES, Barrister-at-Law, Judge, Calcutta High Court. 10 Judges' Court Road, Alipore, Calcutta.
3-1-44	N	Osborn, HOWARD BALDWIN, Doctor of Dental Surgery, Fellow of the International College of Dentists. Bombay.
2-4-45	R	Osborn, JACK DASHWOOD BRELON, Deputy Chief Transportation Manager, Bengal and Assam Railway. U. S. Club, Calcutta.
7-4-15	L	Ohtani, COUNT KOZUI. San-ya-so, Edomachi, Fushimi, Kyoto, Japan.
2-4-45	R	Palmer, WILLIAM JOHN, B.A. (CANTAB.), I.C.S., Chief Presidency Magistrate. United Service Club, Calcutta.
1-5-39	A	Parker, E., CAPT., I.A. (ret.). c/o Remington Rand Inc., 3 Council House Street, Calcutta.
5-2-34	R	Pasricha, CHIRANJI LAL, M.A., M.B., B.CHIB. (CANTAB.), M.R.C.S. (ENG.), L.R.C.P. (LOND.), LT.-COL., I.M.S., Director, School of Tropical Medicine. Chittaranjan Avenue, Calcutta.
5-2-40	R	Pask, JOHN DAVID, B.SC., PH.D. (LEEDS), Chief Chemist, Hourah Mills Co., Ltd. Ramkristapur, Howrah.
2-8-44	R	Patel, HARIRAM, Mine-owner, Merchant and Shipper. P. 22/A Southern Avenue, P.O. Kalighat, Calcutta.
4-12-44	L	Patel, YASUF R., Manager, New India Assurance Co., Ltd. 9 Clive Street, Calcutta.
2-6-41	R	Paterson, EDWARD ALFORD, Assistant, Jardine, Skinner & Co., Ltd. 4 Clive Row, Calcutta.
6-8-45	R	Paul, SURENDRA NATH, M.SC., Biochemist, Presidency General Hospital. 98/7 Russa Road, Calcutta.
2-4-45	R	Pecker, CLAUDE BERTRAM, Incorporated Accountant, General Manager, T. E. Thomson & Co. 9/A Esplanade East, Calcutta.

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5-3-45	R	Pell, TERRENCE, <i>Master Pilot, Bengal Pilot Service.</i> United Service Club, Calcutta.
6-6-88	L	Pennell, AUBREY PERCIVAL, M.A., <i>Barrister-at-Law.</i> St. Canon's Tower, Loch Awe, Argyll, Scotland.
5-2-34	L	Percival, FREDERICK GEORGE, O.B.E., PH.D. (LOND.), F.G.S., <i>General Superintendent, Ore Mines and Quarries, Tata Iron and Steel Co.</i> 3 Beldih Lake, Jamshedpur.
1-4-25	R	Perier, FERDINAND, S.J., <i>Most Reverend the Archbishop of Calcutta.</i> 32 Park Street, Calcutta.
1-1-45	N	Pickett, JARRULL WASKOM, D.D., LL.D., <i>Senior Bishop of the Methodist Church in Southern Asia, Chairman of the National Christian Council of India, Burma & Ceylon.</i> 12 Boulevard Road, Delhi.
1-1-45	R	Poddar, ANANDILALL, M.L.A., <i>ex-Mayor of Calcutta.</i> 115/A Chittaranjan Avenue, Calcutta.
1-1-45	R	Poddar, BADRI PRASAD, B.COM., <i>Merchant,</i> 115/A Chittaranjan Avenue, Calcutta.
4-6-45	R	Poddar, BAL KRISHNA, <i>Stock and Share-Broker.</i> 153/A Mukhtarman Babu Street, Calcutta.
7-8-44	R	Poddar, BISWANATH, <i>Merchant and Businessman.</i> 115/A Chittaranjan Avenue, Calcutta.
3-1-44	R	Poddar, KISHEN LALL, <i>Merchant, Landowner.</i> 115/A Chittaranjan Avenue, Calcutta.
1-1-45	R	Poddar, MADAN GOPAL, <i>Solicitor.</i> 6 Old Post Office Street, Calcutta.
3-6-40	A	Poleman, HORACE IRVIN, B.A., M.A., PH.D., <i>Director of Indic Studies, Library of Congress.</i> Washington, D.C., U.S.A.
19-8-44	R	Prasad, REV. AYODHYA, PUNDIT, B.A., <i>Minister of the Calcutta Arya Samaj.</i> 85 Bow Bazar Street, Calcutta.
3-4-18	L	*Prashad, BAINI, O.B.E., D.SC., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B., <i>Fishery Adviser to the Government of India.</i> c/o The Department of Agriculture, New Delhi.
3-8-25	N	*Pruthi, HEM SINGH, M.SC., PH.D. & SC.D. (CANTAB.), F.N.I., F.R.A.S.B., <i>Plant Protection Adviser and Agricultural Adviser to the Government of India.</i> P.O. Pusa Institute, New Delhi.
3-12-24	R	Pushong, E. S., M.D., L.S.A., <i>Medical Practitioner.</i> 1 Chapel Road, Hastings, Calcutta.
1-3-43	R	Rahman, A. F. M. KHALILUR, B.A. (LONDON), PH.D., <i>Special Officer, Current Problems, Government of Bengal.</i> 103 Ballygunge Place, Calcutta.
1-1-45	R	Rahman, THE HON'BLE MR. JUSTICE A. S. M. LATIFUR, NAWABZADA, M.A. (CANTAB.), <i>Barrister-at-Law, Judge, Calcutta High Court.</i> 10 Nawab Abdur Rahman Street, Calcutta.
1-5-44	R	Rahman, FAZLUR, M.A., B.L., M.L.A., <i>Chief Whip, Government of Bengal.</i> 12 Syed Ameer Ali Avenue, P.O. Circus, Calcutta.
5-3-45	R	Rahman, MAHAMMAD FAZLUR, <i>Barrister-at-Law.</i> 22 Lansdowne Road, Calcutta.
2-4-45	N	Rahman, MOWDUDUR, B.A., <i>Barrister-at-Law, Officer on Special Duty, Commerce Department.</i> Secretariat, New Delhi.
3-5-43	N	Rajgarhia, CHAND MULL, <i>Mining Engineer.</i> Giridih, E.I.R.
7-9-36	N	Ram, DOULAT, <i>Accountant, Military Secretary's Office.</i> c/o Messrs. Biru Mal Chiranjil Lal, Chhatla Magni Ram, Patiala.
4-1-43	N	Ramabhadran, N., B.A. <i>Pension Street, Dindigul, S. India.</i>
2-10-39	N	Rangarajam, KRISHNASWAMI, <i>Employee, I.C.I. (India) Ltd.</i> Rukmani Building, Mambalam West, Madras.
2-4-45	L	Ramsay, ROBERT ERSKINE, <i>Proprietor, Central and South Jemehari Collieries, Mining Engineer.</i> P.O. Siarsol Rajbari, Dt. Burdwan, (27 Alexandra Court, 60/1 Chowringhee, Calcutta).
5-3-45	R	Rangaswami, C. S., <i>Managing Editor, Indian Finance.</i> 116 Lower Circular Road, Calcutta.
3-1-44	A	Rao, MISS SAKUNTALA, SHASTRI, M.A. (ENG.), M.A. (SANSKRIT), B.LITT. (OXON), VEDANTATIRTHA, <i>formerly Principal, South Calcutta Girls' College.</i> 210/6 Cornwallis Street, Calcutta.
5-2-45	N	Rao, BHAVARAJA VENKATA KRISHNA, M.A., B.L. (<i>Foundation Secretary, Andhra Historical Research Society, Rajahmundry</i>), <i>Commissioner, Hindu Religious Endowments Board.</i> P.O. Cathedral, Madras.
5-11-45	N	Raparia, TARA CHAND, B.A., <i>Merchant.</i> Belangung, Agra.

Date of Election.		
3-12-45	N	Rao, MOTU PALLI SURYA PRAKASA, D.D.S., <i>Dental Surgeon</i> . Rajahmundry, M.S.M. Ry.
1-2-26	N	Rao, Y. RAMACHANDRA, RAO BAHADUR, M.A., F.R.E.S., <i>Dy. Director, Bureau of Plant Protection, Dept. of Agriculture</i> . Imperial Secretariat, New Delhi.
1-9-41	R	Ratcliff, GEORGE MASSEY, B.A. (CANTAB.), I.C.S. c/o Mr. A. L. Collet, 9 Loudon Court, Moira Street, Calcutta.
3-8-42	N	Rath, PURNA CHANDRA, B.A., DIP.ED., <i>Superintendent of Archaeology, Patna State</i> . P.O. Balangir, E.S.A.
6-8-45	R	Ray, BIMAL PRASAD, B.L., B.A., <i>Auditor and Registered Accountant</i> . 139 Janak Road, P.O. Rashbihari Avenue, Calcutta.
7-9-21	L	Ray, HEM CHANDRA, M.A., PH.D. (LONDON), D.LITT. (LONDON), <i>Professor and Head of the Department of History, University College</i> . Colombo, Ceylon.
5-1-21	N	Ray, JAGADISNATH, MAHARAJA, <i>Maharaja of Dinajpore</i> . Dinajpore.
1-1-45	R	Ray, KHUSH BAKET, M.A., LL.B. 24-B Park Street, Calcutta.
3-12-45	R	Ray, KUMUD BHUSHAN, B.E., C.E., M.I.E. (IND.), <i>Chartered Engineer, Consulting Engineer and Architect</i> . 2 Shambhu Nath Pandit Street, P.O. Elgin Road, Calcutta.
1-3-43	R	Ray, NIBHAR-RANJAN, M.A., D.LITT. & PHIL. (LEIDEN), DIP.LIB. (LONDON), F.L.A., <i>Bageswari Professor of Fine Arts, Calcutta University</i> . 14-B Dr. Sarat Banerjee Road, Calcutta.
3-2-41	N	Ray, NIROD BHUSHAN, <i>Professor of History, A. M. College</i> . Suburban Road, Mymensingh.
2-4-45	R	Ray, MRS. RITA, <i>Journalist</i> . 2 Beltala Road, Calcutta.
7-7-41	N	Ray, SATIS CHANDRA, M.A., D.P.I. Shillong, Assam.
1-7-40	R	Ray, SUKUMAR, M.A., <i>Lecturer, Calcutta University</i> . 35-A Southern Avenue, P.O. Rashbihari Avenue, Calcutta.
1-1-45	R	Ray, TRIDIBNATH, M.A., B.L., <i>Advocate, High Court</i> . 19 Srinath Mukherjee Lane, P.O. Ghugudanga, Calcutta.
5-3-45	R	Ray Chowdhury, BINAYENDRANATH, <i>Barrister-at-Law</i> , Santosh House, 21 Raja Santosh Road, Calcutta.
4-12-39	R	Ray-Chowdhury, H. C., M.A., PH.D., <i>Carmichael Professor of Ancient Indian History and Culture, Calcutta University</i> . 6 Mysore Road, Kalighat, Calcutta.
5-11-28	L	Reinhart, WERNER, <i>Merchant</i> . c/o Messrs. Volkart Bros., Rychenberg, Winterthur, Switzerland.
3-4-44	N	Rex, SYDNEY, CAPT., R.I.A.S.C., <i>British Service Army Officer, Attached to Indian Army, O.C.</i> 841 Ind. Pol. Station, S.E.A.C. (c/o Messrs. Lloyds Bank Ltd., Bombay).
3-11-41	A	Reynolds, REV. HERMAN M., M.A., B.D., <i>Missionary</i> . Pendra Road, C.P.
2-4-24	F	Richards, F. J., I.C.S., <i>TREEPS</i> , Hurstpier Point, Sussex, England.
3-12-45	N	Richardson, HUGH EDWARD, O.B.E., I.C.S., <i>In charge, British Mission</i> , Lhasa, Tibet.
3-12-24	L	Roerich, GEORGE NICHOLAS, M.A., M.B.A.S., <i>Orientalist</i> . 310 Riverside Drive, New York, U.S.A. ('Urusvati', Naggar, Kulu, Punjab).
2-7-28	L	Roerich, NICHOLAS, <i>Honorary President, Master Institute of United Arts, New York, U.S.A.; Artist-Painter</i> . 310 Riverside Drive, New York, U.S.A.
5-7-43	N	Rolles, REV. MONTAGUE JOHN, <i>Missionary, London Mission</i> . Kamalapuram, Dt. Cuddappah, Madras Presidency.
5-6-33	A	Rossetti, FELIX FRANCIS LEO, B.SC., B.H., <i>Secretary, Y.M.C.A.</i> 42 Corporation Street, Calcutta.
2-4-45	R	Rostron, ARTHUR HENRY CUNLIFFE, <i>Managing Director, Latex Treatments, Ltd.</i> 10 Government Place, East, 1 Raja Santosh Road, Calcutta.
7-4-41	R	Roxburgh, THE HON'BLE MR. JUSTICE T. J. Y., C.I.E., I.C.S., <i>Barrister-at-Law, Judge, High Court</i> . 7 Lee Road, Calcutta.
6-12-26	N	Roy, SIR A. K., KT., <i>Barrister-at-Law, Formerly Law Member, Government of India</i> . New Delhi.
5-2-40	R	Roy, B. C., B.A., M.D., D.SC., F.R.C.S. (ENG.), M.B.C.P. (LOND.), F.S.M.F. (BENGAL). 36 Wellington Street, Calcutta.
5-4-37	N	Roy, DAVID, M.B.E., <i>Dewan, Myelliem Chevra States</i> . Shillong, Assam.
1-12-30	N	Roy, RAJA KAMALABANJAN, B.A., <i>Zemindar</i> . Kasimbazar Post, Dt. Murshidabad.

Date of Election.		
7-5-45	R	Roy, KIRAN SANKAR, <i>Barrister-at-Law</i> , M.L.A., <i>Zemindar</i> . 47 European Asylum Lane, Calcutta.
5-7-43	R	Roy, SUDHINDRA NATH, M.A., <i>Landlord</i> . 3 Tiloke Road, Ballygunge, Calcutta.
5-3-45	R	Russell, JOSHUA FORBES, <i>Chief Engineer, Irrigation Branch, C. & W. Department</i> . United Service Club, Calcutta.
2-4-45	R	Sachdeva, RAJENDRA, <i>Manager, Messrs. Steel Industries of India, Ltd.</i> 116 Chittaranjan Avenue, Calcutta.
4-1-43	R	Sadeque, A., M.A. (ECON.), <i>Professor, Islamia College</i> . 177-B Park Street, Calcutta.
7-5-28	L	*Saha, MEGHNAD, D.SC., F.R.S., F.N.I., F.R.A.S.B., <i>Palit Professor of Physics, Calcutta University</i> . 92 Upper Circular Road, Calcutta.
6-9-43	L	Sahu, LAKSHMINARAYAN, M.A., <i>Member, Servant of India Society</i> . Idigapadia, Cuttack.
1-5-44	N	Saksena, JAGDAMBA PRASAD, B.A., B.T. (B.H.V.), M.R.A.S., <i>Member, Board of Studies in Hindi, Utkal University, Cuttack, Headmaster, Orient Paper Mills High School</i> . Brajaraj Nagar, Dt. Sambalpur, Orissa.
5-2-34	L	Sale, HAROLD MONTAGUE, M.A., F.G.S. Mancetter Cottage, Atherton, Warwickshire, England.
5-3-45	R	Sanyal, HEM NATH, <i>Barrister-at-Law</i> . 96/1 Lansdowne Road, Calcutta.
1-1-45	R	Sanyal, SNEHAMAY, M.A., STUD. INSTT. TRANS. (LONDON), <i>Goods Supervisor, E.I.R.</i> 43 Ramcharan Sett Road, P.O. Santragachi, Howrah.
4-6-45	R	Saraf, CHOUTH MAL, B.C., B.L., <i>Advocate</i> . 62 Nalini Sett Road, Calcutta.
4-10-43	N	Saran, PARAMATMA, M.A. (BENARES), PH.D. (LONDON), <i>Lecturer in History, Benares Hindu University</i> . Benares.
7-5-45	R	Saraogi, KISHORI LAL, VISHARAD, <i>Exchange Broker</i> . c/o Messrs. Lakhinarain Misra & Co., 6 Clive Street, Calcutta.
4-12-44	R	Saraswati, SARASI KUMAR, M.A., <i>Librarian, Royal Asiatic Society of Bengal; Lecturer, Calcutta University</i> . 6/1 Mahendra Road, Calcutta.
4-2-35	R	Sarkar, NALINI RANJAN. 237 Lower Circular Road, Calcutta.
5-3-45	R	Sarma, HARENDRA NATH, B.L., <i>Advocate, High Court</i> . 10 Old Post Office Street, Calcutta.
4-9-44	N	Sarma, VENKATARAYA, PUNDIT, DHARMARANJAN, PH.D., <i>Landholder</i> . Narayanaram Bhadarikavanam, P.O. Karavadi, Ongole Talug, Dt. Guntur.
4-9-44	N	Sastry, J. S. VENKATACHALA, <i>Pundit, Jodidar</i> , 61 Gramadevathi Street, Upparahalli, Bangalore City.
5-4-37	R	Sattar, A. R. H. A., <i>Late Member, Council of State</i> . 32 Ezra Street, Calcutta.
5-3-45	R	Savaria, KANJI RAMJI, <i>Colliery Proprietor</i> . Jharia, E.I.R.
5-2-45	R	Schroff, MAHADEVA LAL, A.B.HONS. (CORNELL), M.S., M.I.T., <i>Chief Chemist, Messrs. Birla Bros. Ltd., and Secretary, Birla Laboratories</i> . 8 Royal Exchange Place, Calcutta.
3-7-44	R	Seal, MADHAB CHANDRA, <i>Landholder and Cashier, Civil Bank of India, Ltd.</i> 15-A Nimtalla Lane, P.O. Beadon Street, Calcutta.
6-3-33	R	Seal, SATIS CHANDRA, M.A., B.L., <i>Honorary Secretary, Indian Research Institute</i> . 170 Maniktola Street, Calcutta.
1-1-45	R	Sen, THE HON'BLE MR. JUSTICE AMABENDRA NATH, <i>Barrister-at-Law, Judge, Calcutta High Court</i> . 4 Hungerford Street, Calcutta.
1-3-43	R	Sen, ANIL KUMAR, M.B. (CAL.). 45 Ballygunge Place, Calcutta.
1-4-25	R	Sen, BENOY CHANDRA, M.A., PH.D. 40 Dr. Sarat Banerjee Road, Ballygunge, Calcutta.
3-4-44	N	Sen, BRUPES LOBHAN, <i>Textile Chemist (Expert in Practical Dyeing Chemistry)</i> . c/o Messrs. Volkart Bros., P.O. Box 199, Bombay (224 Sir Bhalchandra Road, Matunga, Bombay 19).
9-12-36	R	Sen, D. N. 7 Rawdon Street, Calcutta.
1-6-36	N	Sen, J. M., RAI BAHADUR, M.ED. (LEEDS), B.SC. (CAL.), T.D. (LOND.). DIP.ED. (OXFORD), F.R.G.S., F.N.I. <i>Principal, Krishnagar College, Krishnagar, Nadia</i> .

Date of Election.		
5-12-23	L	Sen, LAKSHMAN, H.H. RAJA OF SUKET. Lakshman Palace, Sundernagar, Suket, Punjab.
3-5-43	R	Sen, KARUNAKETAN, B.SC., I.C.S., <i>Special Officer, Directorate of Civil Supplies, Bengal.</i> 5/A Heysham Road, P.O. Elgin Road, Calcutta.
5-4-37	N	Sen, KSHITI MOHAN, <i>Principal, Visvabharati.</i> Santiniketan, Dist. Birbhum.
1-1-45	R	Sen, MITIR KUMAR, M.A., B.L., <i>Professor of Civics and Economics, Vidyasagar College.</i> 50 Lake Place, Calcutta.
1-2-43	R	Sen, NEPAL CHANDRA, C.B.E., RAI BAHADUR, M.A., <i>Controller of Rationing, Calcutta Industrial Area.</i> 35 Gopalnagar Road, Alipur, Calcutta.
5-3-45	R	Sen, S. N., <i>Solicitor.</i> c/o Messrs. C. C. Basu & Co., 9 Old Post Office Street, Calcutta.
3-4-44	R	Sen, SIBA PADA, B.A. (HONS.), (LONDON), <i>Professor of History and Politics, C.E.T., Bengal.</i> Jadabpur. 5-A Motilal Nehru Road, Calcutta.
2-4-45	R	Sen, SUDHENDU SEKHAR, RAI BAHADUR, M.A., D.L.O. (ENG.), F.R.C.S. (E), <i>Civil Surgeon, Government of Burma.</i> 13 Harrington Street, Calcutta.
7-2-44	R	Sen, SUKUMAR, M.A., PH.D., <i>Lecturer, Calcutta University.</i> 27 Goabagan Lane, Calcutta.
5-2-40	N	Sen, SURESH CHANDRA, B.SC. (CAL.), B.A. (CANTAB.), A.M.I.CHEM.E. (LONDON), <i>Superintendent, Cinchona Cultivation in Bengal.</i> Mungpoo, Riyand, D.H. Ry.
6-8-45	R	Sen, TARA KUMAR, M.A. (ALLAHABAD), <i>Educationist.</i> 259 Upper Chitpur Road, Calcutta.
4-1-43	N	Sen-Gupta, JOGENDRA NATH, M.B. (CAL.), Oak Lodge, Darjeeling.
1-4-29	R	Sen-Gupta, NARES CHANDRA, M.A., D.L., <i>Advocate, High Court.</i> P.93 Manoharpukur Road, Calcutta.
3-7-44	N	Sen-Gupta, SAILENDRANATH, M.A., <i>Bengal Civil Service (Judicial Branch), Munsiff.</i> Netrakona, Mymensingh.
3-4-44	R	Sera, STANLEY ERIC. 103 Clive Street, Calcutta.
5-3-45	R	Seth, Jyotish Chandra, <i>Barrister-at-Law.</i> 5 Baroda Mitter Lane, Shambazar, Calcutta.
5-7-11	L	*Sewell, ROBERT BERESFORD SEYMOUR, C.I.E., M.A., SC.D. (CANTAB.), M.R.C.S., L.R.C.P., F.Z.S., F.L.S., F.R.S., F.N.I., F.R.A.S.B., LT.-COL., I.M.S., <i>Director, Zoological Survey of India (retd.).</i> 18 Barrow Road, Cambridge, England.
6-3-44	N	Shaha, AKSHAYA KUMAR, B.SC. (DACCA), M.SC. (MOSCOW), <i>Honorary Candidate of Science, U.S.S.R. 1935; Engineer Scientist, Officer on Special Duty, Supply Department, Government of India.</i> c/o The Director of Industries, Patna.
1-1-45	R	Shahidullah, MUHAMMAD, M.A., B.L., DIPLOM. (PARIS), DOCTEUR DE L'UNIVERSITE DE PARIS, <i>Principal, Azizul Huq College.</i> Bogra, Bengal.
5-4-37	N	Sharaf-ud-Din, S., M.A., B.L., <i>Vice-Principal, Islamia Intermediate College.</i> Dacca.
2-11-25	N	Sharif, MOHAMMAD, D.SC., F.R.M.S., F.L.S., F.N.I., <i>Entomologist, Haffkine Institute.</i> Parel, Bombay.
6-8-45	R	Sharma, BEHARI LAL, <i>Manager, Golden Soap Factory, Ltd.</i> 171/1A Harrison Road, Calcutta.
4-6-45	R	Sharma, BENI SHANKER, B.L., 228/A Chittaranjan Avenue, Calcutta.
5-6-44	N	Sharma, SHREE NARAIN, KAVIRAJ, L.A.M.S., BHISHAGACHARYA, M.A.S.F., VAIDYA SIROMANI, AYURVEDACHARYA, <i>In-charge, Rasayanashala, Marwari Relief Society.</i> Champanganagar, Bhagalpur.
6-5-29	N	Sharma, SRI RAM, M.A., F.R.HIST.S. (LONDON), <i>Principal, D.A.V. College.</i> Srinagar, Kashmir.
5-3-45	L	Sharpe, ALFRED GEORGE, M.A. (CANTAB.), M.INST.STRUCT.E., <i>Chartered Structural Engineer.</i> The Royal Bombay Yacht Club, Bombay 1.
3-2-41	L	Shastri, GANGEYANAROTTAM, KAVYATIRTHA, KAVICAKRACUDAMANI, <i>Landholder.</i> Gangeys Bhawan, 280 Chittaranjan Avenue, Calcutta.
4-9-44	R	Shastri, VISHWANATH, VEDA AND VYAKARANTIRTHEA (PUNJAB UNIV.), <i>Office Superintendent of the All-India Hindu (Arya) Dharma Seva Sangha.</i> 102 Mukhtaram Babu Street, Calcutta.
2-5-23	F	Shebbeare, E. O. The 'Sands' House, South Newington, Banbury, Oxon, England.

Date of Election.		
6-1-09	L	Shirreff , ALEXANDER GRIERSON, B.A., I.C.S. (<i>retd.</i>). The Orchard House, Childrey, Wantage, Berkshire, England.
4-6-45	N	Sholto Douglas , THE HON'BLE JAMES ERIC WILFRID HAMILTON, Ackworth Grange, Near Pontefract, Yorkshire, England. (Hydroponic Research Centre, Government Experimental Farm, Kalimpong, D.H. Ry.)
6-2-28	L	Shumser Jung Bahadur Rana , SIR KAISER, K.B.E., SURPRADIPTA MANYAVARA, LIEUT.-GENERAL, <i>Nepalese Army</i> . Kaiser Mahal, Kathmandu, Nepal.
2-4-45	N	Si , LAO HTIN, LIEUT.-COL., M.A., B.D., A.D.C., <i>Joint Administrative Officer, University of Rangoon</i> . Elysium Hotel, Simla.
4-11-29	R	Siddiqi , MOHAMMAD ZUBAYR, M.A., B.L., PH.D. (CANTAB.), <i>Sir Asutosh Professor of Islamic Culture, Calcutta University</i> . P. 6 Suhrawardy Avenue, Calcutta.
6-2-39	A	Simeons , ALBERT THEODORE WILLIAM, M.D. (HEIDELBERG), Physician, Khatau Mansion, Cooperage, Bombay.
5-3-13	L	*Simonsen , JOHN LIONEL, D.SC., F.R.I.C., F.B.S., F.R.A.S.B., <i>Director of Colonial Products Research, Imperial Institute</i> . Exhibition Road, South Kensington, London, S.W. 7.
6-3-39	F	Sinclair , GREGG M., <i>Director, Oriental Institute, and President, University of Hawaii</i> . Honolulu, Hawaii, U.S.A.
3-4-44	N	Singh , KALYAN, <i>Raja of Bhinai, Istimardar of Bhinai</i> . P.O. Bhinai, Dt. Ajmer-Merwara, Rajputana.
6-2-18	N	Singh , MANYABARA BADA KAJI MARICHI MAN, PANDITJI, C.I.E. 38 Khichapokhari, Kathmandu, Nepal.
5-3-34	L	Singh , HIS HIGHNESS THE HON'BLE MAHARAJADHIRAJA SIR KAMESWAR, K.C.I.E. Darbhanga.
5-7-43	R	Singh , PARTAP, <i>Merchant and Industrialist</i> . 181 Grand Trunk Road, North, Howrah.
2-1-33	N	Singh , RUDRA PRATAP, RAO BAHADUR, <i>Proprietor, Sonbarsa Raj</i> . Sonbarsa P.O., District Bhagalpore.
6-8-45	R	Singhanian , BALABUX, <i>Electrical Merchant</i> . 5-1 Kasi Bose Lane, Beadon Street, Calcutta.
5-2-45	L	Singhanian , MADAN MOHAN, <i>Businessman</i> . 14 Sircar Lane, Calcutta.
4-9-44	R	Singhi , RAMCHANDRA, B.A., A.C.A. (LONDON), B.A., <i>Chartered Accountant</i> . 1-B Old Post Office Street, Calcutta.
7-8-33	L	Sinh , RAGHUBIR, MAHARAJKUMAR, M.A., D.LITT., LL.B., <i>Heir-Apparent of Sitamau State</i> . Raghurib Niwas, Sitamau, C.I.
5-7-43	R	Sinha , ANANDA PROSAD, M.A., B.L., PH.D. (COLORADO). <i>c/o Tech. Recruiting Office</i> , 28 Theatre Road, Calcutta.
5-3-45	R	Sinha , DEEP NARAYAN, <i>Barrister-at-Law, Advocate, Calcutta High Court</i> . 4 Raja Santosh Road, Alipore, Calcutta.
4-1-26	N	Sinton , J. A., O.B.E., LT.-COL., I.M.S., V.C., <i>Officer-in-Charge, Malaria Bureau</i> . Central Research Institute, Kasauli.
5-7-16	L	Sircar , GANAPATI, VIDYARATNA. 69 Beliaghatta Main Road, Calcutta.
6-8-45	F	Smyth , ROBERT PATTERSON, LT.-COL., R.A.M.C., M.B.B.CH., B.A.O. C.A.S.(M.), ADV. HQ. ALFSEA, S.E.A.C.
3-9-34	R	Sondhi , VED PALL, M.B.E., M.SC., F.G.S., <i>Assistant Superintendent, Geological Survey of India</i> . 27 Chowringhee, Calcutta.
2-4-45	R	Sopher , ALLAN EDWARD. 11 Camac Street, Calcutta.
29-8-04	L	*Stapleton , HENRY ERNEST, M.A., B.SC., D.LITT., F.R.A.S.B., <i>Formerly Director of Public Instruction, Bengal</i> . St. Brelade, Jersey, C.I., England.
5-3-45	R	Stark , ALAN FORREST, B.L., M.L.A., <i>Secretary, European Group, Corporation of Calcutta</i> . 4 Lyons Range (6/2 Moira Street), Calcutta.
5-3-45	N	Starpe , ALFRED GEORGE, M.A. (CANTAB.), M.INST.STRUCT.E., <i>Chartered Structural Engineer</i> . <i>c/o</i> The Royal Bombay Yacht Club, Bombay No. 1.
6-12-43	N	Stein , WALTER EDWARD, D.SC., G.I.C.E., M.P.S., F.I.C.S., A.M.I.CHEM.E. (LONDON), <i>Chief Rehabilitation Officer, Directorate General of Re-Settlement and Employment, Government of India</i> . Gurdwara Road, New Delhi.
6-3-44	F	Steven , J. W. R. 21 Heziot Row, Edinburgh, Scotland.
3-12-45	R	Stuart , MALCOLM MONCRIEFF, O.B.E., I.C.S., <i>Magistrate's House</i> , Alinore, Calcutta.

Date of Election.		
5-3-45	N	Subrahmanyam, P. K., Branch Manager, Messrs. B. R. Hermon & Mahatta, <i>Ld.</i> Bombay.
6-8-45	R	Sugla, HARDATTA RAI, Advocate. c/o Messrs. Birla Bros., <i>Ld.</i> , 8 Royal Exchange Place, Calcutta.
5-4-43	R	Sukul, L., Lecturer, Calcutta University. Kent House, Mission Row Extension, Calcutta.
3-3-20	N	Sundara Raj, BUNGURU, DEWAN BAHADUR, M.A., PH.D., F.N.I., Fisheries Development Officer. Civil Secretariat, U.P., Lucknow.
7-11-32	L	Suvarna Shumser Jung Bahadur Rana, Major-General in the Nepalese Army. Singha Darbar, Kathmandu, Nepal.
2-4-45	L	Swaika, G. V., RAI BAHADUR, Oil Mill Owner, Landholder. c/o Messrs. Swaika Oil Mill, Pollock House, 28/A Pollock Street, Calcutta.
1-1-45	N	Tagore, PROBIRENDRA MOHAN, Maharaja, Landholder. Haradham Palace, Benares Cantonment.
5-3-45	R	Tagore, PURNENDU NATH, Barrister-at-Law. 4 Darponarain Tagore Street, Calcutta.
1-1-45	L	Tagore, RATHINDRA NATH, B.SC. (ILLINOIS), Zemindar, General Secretary, Visva Bharati. Santiniketan, Bengal.
5-3-45	N	Taimuri, MIRZA HAMID RAZA, Director of Archaeology, and the State Hamidia Library. Bhopal.
3-12-45	L	Tatia, NATHMAL, M.A., Research Fellow, Calcutta University. F-3 Benares Hindu University, Benares.
5-11-45	R	Taylor, GEORGE THOMAS, Chief Officer, Dredger and Despatch Service. c/o Calcutta Port Commissioners, 15 Strand Road, Calcutta.
7-5-45	R	Tharad, BASDEO, B.A., Businessman. 4 Kali Krishna Tagore Street, P.O. Burrabazar, Calcutta.
1-6-04	L	*Tipper, GEORGE HOWLETT, M.A., F.G.S., M.INST.M.M., F.R.A.S.B. 'The Laurels', Glebe Road, Cambridge, England.
3-2-41	R	Tribedi, B. P., M.B. (CAL.), D.B. (LOND.), Professor of Pathology and Bacteriologist to the Government of Bengal. Medical College Calcutta.
1-1-45	R	Tripathy, RAMSANKER, Journalist. 160 Harrison Road, Calcutta.
6-2-44	F	Trivedi, PRABHASHANKER KESHAJI, B.A. (LOND.), POSTE RESTANTE. Arusha, T.T., B. E. Africa.
5-2-45	R	Tufnell-Barrett, HUGH, C.I.E., I.C.S., Director General, Food & Civil Supply Departments, Government of Bengal. U. S. Club, Calcutta.
3-5-43	R	Tyson, G. W., C.I.E., Editor, 'Capital'. 4 Lyons Range, First Floor, Calcutta.
5-7-26	R	Tyson, JOHN DAWSON, C.S.I., C.B.E., M.A. (OXON), I.C.S., J.P., Secretary to H.E. The Governor of Bengal. Government House, Calcutta.
1-1-45	L	Varma, HIS HIGHNESS MANIKYA, SIR BIR BIKRAM KISHORE DEV, K.C.I.E., Colonel, Maharajah Bahadur Maharajah and Ruler of Tripura State. Ujjayanta Palace, Agartala, Tripura State, Bengal.
4-1-37	R	Vedantatirtha, NARENDRA CHANDRA, M.A., BAGCHI, BHATTACHARJA, SANKHYATIRTHA, MAMASATIRTHA, TATTVARATNA, SASTRI. P.O. South Goria, 24 Perganas.
3-4-44	A	Venkataramayya, PAPP, B.E., A.A.I.E.E. c/o The Office of the Electric Commissioner with the Government of India, 4 Hastings Street, Calcutta.
7-4-41	N	Vicary, REV. THOMAS C., M.A. (LOND.), A.K.C., Missionary, Principal, Union Christian Training College. Berhampore, Bengal.
3-12-45	N	Vijayaji, MUNI RATNA PRABHA, MAHARAJAH SRI, M.D. (N.Y.), Member, Bombay Branch, R.A.S., Acharya Maharaja Sriman Nemisurisvarji, Panchra Pole Upashraya. Panjra Pole, Ahmedabad.
6-3-01	L	*Vogel, JEAN PHILIPPE, LITT.D., F.R.A.S.B. Louise de Colignylaan 19, Oegstgust, near Leiden, Netherlands.
27-9-94	L	Vost, WILLIAM, LT.-COL., I.M.S. 'Woodhurst', Manor Way, South Croydon, Surrey, England.
6-5-25	N	*Wadia, D. N., M.A., B.SC., F.R.G.S., F.N.I., F.R.A.S.B., Geological Adviser to the Planning and Development Department, Government of India. New Delhi.
5-3-28	R	Waight, HARRY GEORGE, M.A. (OXON), PH.D., I.C.S. 5/2 Wellesley Place, Calcutta.

Date of Election.		
2-4-45	R	Warren, PATRICK FRANCIS SUTHERLAND, B.A. (HONS.), (CANTAB.), A.M.I.C.E., A.M.I.E. (INDIA), <i>Managing Director & Chairman, Jessop & Co., Ltd.</i> 93 Clive Street (9 Asoka Road), Calcutta.
2-7-45	N	Watson, FRANCIS LESLIE, <i>Director, Research & Reference Division, Information & Broadcasting Department.</i> Old Secretariat Building, Civil Lines, Delhi.
7-5-45	L	Watt, JOSEPH HERBERT SALTMARSH, B.SC., MAJOR, R.A.O.C., F.R.ECON.S., <i>Central Ordnance Depot.</i> Kandivili (Malad), Bombay.
6-2-33	N	Wellsted, THOMAS ARTHUR, A.R.S.M., B.SC., ASSOC.INST.M.M., <i>Mining Engineer.</i> Mansar, P.O. Kandri, Ramtek, C.P.
6-2-33	R	West, WILLIAM DIXON, M.A., SC.D. (CANTAB.), F.N.I., <i>Director, Geological Survey of India.</i> 27 Chowringhee, Calcutta.
1-11-26	R	Westcott, FOSS, MOST REVEREND, D.D. (CANTAB.), HONORARY D.D. (Oxon), <i>Lord Bishop of Calcutta and Metropolitan of India, Burma and Ceylon (retd.).</i> c/o Bishop's House, 51 Chowringhee, Calcutta.
19-9-06	L	*Whitehead, RICHARD BERTRAM, LITT.D., F.R.A.S.B., I.C.S. (retd.). 30 Millington Road, Cambridge, England.
7-9-36	R	Williams, N. T., Messrs. Orr Dignam & Co. 101/1 Clive Street, Calcutta.
2-4-45	R	Willis, R. H., <i>Company Director.</i> 6 Wellesley Place, Calcutta.
5-3-45	F	Wise, JOHN MAL, <i>Horologist and Jeweller, H.I.A., N.G.S.</i> 2718 Reisterstown Road, Baltimore, 15 Maryland, U.S.A.
1-4-08	R	Wordsworth, WILLIAM CHRISTOPHER, C.I.E., M.A., I.E.S. (retd.). c/o The 'Statesman', Chowringhee Square, Calcutta.
2-10-39	N	Zafar Hasan, MAULVI, KHAN BAHADUR, O.B.E. Nasheman, Delhi Gate, Delhi.
7-6-43	R	Zakariah, ABU KAZEM MOHAMMED, <i>Ex-Mayor of the City of Calcutta; Ex-Member, Calcutta Port Trust; Fellow, Calcutta University.</i> 68 Syed Ameer Ali Avenue, Calcutta.

LIFE MEMBERS

(Chronological)

	6-6-88	A. P. Pennell (88 F.).	4-7-27	C. Chakravarti (41 N.).	40
	11-1-93	Sir E. D. MacLagan (94 R.).	5-12-27	H.H. Sir T. Namgyal	
	27-9-94	W. Vost (94 F.).		(27 N.).	
5	6-2-01	J. Ph. Vogel (25 F.).	5-12-27	H.H. K. Dechhen (27 N.).	
	2-7-03	F. Doxey (28 R.).	6-2-28	Sir D. Ezra (28 R.).	
	1-6-04	G. H. Tipper (27 N.).	6-2-28	Sir K. S. J. B. Rana (28 N.).	
	3-8-04	Sir L. L. Fermor (36 N.).	7-5-28	M. N. Saha (45 N.).	45
	28-9-04	H. E. Stapleton (26 R.).	2-7-28	N. Roerich (28 F.).	
	2-8-05	D. McCay (29 F.).	5-11-28	W. Reinhart (28 F.).	
10	3-1-06	J. A. Chapman (28 N.).	3-3-30	H. S. Ashton (30 N.).	
	19-7-06	R. B. Whitehead (26 N.).	5-1-31	P. Evans (31 N.).	
	3-7-07	J. Coggin Brown (28 N.).	1-6-31	Sir J. Lort-Williams (40 N.).	50
	1-1-08	Sir U. N. Brahmachari	7-11-32	S. S. J. B. Rana (32 N.).	
		(27 R.).	6-2-33	J. C. Ghatak (33 R.).	
	6-1-09	A. G. Shirreff (45 N.).	2-8-33	R. Sinh (43 N.).	
15	7-4-09	C. A. Bentley (30 N.).	5-2-34	H. M. Sale (34 N.).	
	4-5-10	S. B. Dhavle (10 N.).	5-2-34	F. G. Percival (45 N.).	55
	1-2-11	James Insch (28 R.).	5-3-34	H.H. Sir K. Singh (34 N.).	
	5-7-11	R. B. S. Sewell (28 N.).	3-2-41	G. Shastri (41 R.).	
	1-11-11	K. Ahmad (24 N.).	2-11-42	M. C. Dhiman (42 R.).	
20	5-3-13	J. L. Simonsen (19 N.).	6-9-43	L. Sahu (43 N.).	
	5-11-13	Sir C. S. Fox (40 N.).	6-3-44	G. D. Birla (44 R.).	60
	4-3-14	J. Bacot (14 F.).	7-8-44	L. K. Elmhirst (44 R.).	
	5-8-14	B. C. Law (33 R.).	2-10-44	C. M. Batia (45 N.).	
	7-4-15	Count K. Ohtani (39 F.).	4-12-44	Y. R. Patel (45 R.).	
25	7-6-16	S. P. Mahajan (43 N.).	1-1-45	R. N. Tagore (45 N.).	
	5-7-16	G. Sircar (29 N.).	1-1-45	H.H. B. K. D. Varma (45 N.).	65
	3-4-18	B. Prashad (29 R.).	5-2-45	M. M. Singhania (45 R.).	
	2-11-21	S. L. Hora (30 N.).	5-2-45	P. T. Namgyal (45 N.).	
	7-9-21	H. C. Ray (44 N.).	5-3-45	D. C. Dutta (45 N.).	
30	6-6-23	Sir A. Howard (30 N.).	5-3-45	A. G. Sharpe (45 R.).	
	1-8-23	Kalpada Biswas (36 R.).	5-3-45	N. C. Law (45 R.).	70
	5-12-23	B. N. Chopra (40 N.).	2-4-45	R. E. Ramsay (45 R.).	
	5-12-23	H. H. L. Sen (24 N.).	2-4-45	G. V. Swaika (45 R.).	
	7-5-24	B. Bhattacharya (24 N.).	2-4-45	J. Mackie (45 N.).	
35	6-8-24	L. M. Davies (24 N.).	7-5-45	J. H. S. Wall (45 N.).	
	3-12-24	G. Roerich (28 F.).	7-5-45	S. M. Bhattacharjee (45 R.).	75
	4-2-25	B. S. Guha (40 N.).	7-5-45	S. C. Chakravarti (45 R.).	
	1-4-25	H. Hobbs (44 N.).	3-12-45	N. Tatia (45 R.).	
	6-6-27	B. D. Jain (28 R.).			

SPECIAL ANNIVERSARY HONORARY MEMBERS

Date of Election.	(Science.)
15-1-34	ALBERT EINSTEIN, c/o Princeton University, New Jersey, U.S.A.
15-1-34	M. A. LACROIX, Secrétaire Perpétuel, Académie des Sciences, Paris.
15-1-34	SIR SVEN HEDIN, Stockholm, Sweden.
7-2-44	PROF. A. V. HILL, F.R.S., 16 Bishopswood Road, High Gate, London, W.6.
	(Letters.)
15-1-34	SIR JOHN H. MARSHALL, KT., C.I.E., LITT.D., F.S.A., F.B.A., c/o Messrs. Grindley & Co., Ltd. 54 Parliament Street, London.
15-1-34	TAHA HOSAIN, Cairo.
15-1-34	ARTHUR CHRISTENSEN, 62 Raadhusvej, Charlottenlund, Denmark.
15-1-34	J. VAN KAN, President, Royal Society of Arts and Letters, Batavia, Java.
15-1-34	H.R.H. PRINCE DAMRONG RAJANUBHAB OF THAILAND, Thailand.
7-2-44	LI FONG-KWEI, A.B., M.A., PH.D., Fellow, Academia Sinica, Chungking, China.

ASSOCIATE MEMBERS

Date of Election.	
1-2-22	*PIERRE JOHANNIS, REV., S.J., B.LITT. (OXON), <i>Institut St. Robert Bellarmin</i> . La Pairelle, Wepion, Belgium.
1-2-22	*ANANTAKRISHNA SASTRI, MAHAMAHOPADHYAYA, VEDANTAVISARADA, <i>Lecturer in Sanskrit, Calcutta University</i> . 32 College Square, Calcutta.
1-12-39	†MISS MAUDE LINA WEST CLEGHORN, F.L.S., F.E.S. c/o The Imperial Bank of India, Park Street, Calcutta.
2-11-42	P. C. SEN-GUPTA, M.A., <i>Retired Professor of Mathematics, Bethune College</i> . 3-B Doshapriya Park Road, Kalighat, Calcutta.
4-1-43	W. BIRNEY. 2 Marquis Street, Calcutta.
3-1-44	BASANTA RANJAN RAY. Agricultural Institute, Barrackpore, 24-Parganas.
3-1-44	REV. F. A. PETER. Kangra Mission, Palampur, Kangra District, Punjab.
3-12-45	V. VEDANTATIRTHA, M.A. 8/4E Nepal Bhattacharya Lane, Kalighat, Calcutta.
3-12-45	JOGENDRANATH GUPTA. Mahanirvan Road, Kalighat, Calcutta.

* Re-elected for a further period of five years on 7-12-1942 under Rule 2c.

† Re-elected for a further period of five years on 5-2-45 under Rule 2c.

INSTITUTIONAL MEMBERS

Date of Election.		
28-10-29	Legatum Warnerianum (Oriental Department), University of Leyden, Leyden, Holland.	
2-12-29	Adyar Library, Adyar, Madras S.	
4-5-31	Benares Hindu University Library, Benares.	
1-6-31	Ohtani University Library, Kyoto, Japan.	
7-12-31	Annamalai University Library, Annamalai-nagar, Chidambaram, S. India.	5
30-10-33	Allahabad University Library, Allahabad.	
30-4-34	Bombay University Library, Bombay.	
6-1-36	Islamia College, Peshawar.	
4-5-36	Patna College, Patna.	
7-12-36	Forest Research Institute, Dehra Dun.	10
4-1-37	Dacca University, Dacca.	
7-6-37	Agra University, Agra.	
7-2-44	Gaudiya Mission, Calcutta.	
7-8-44	Calcutta University Library, Calcutta.	
5-11-45	New Asiatic Vedic Research Society, Jaipur City.	15
5-11-45	All-India Radio, Calcutta.	

ORDINARY FELLOWS

	Date of Election.	
	5-2-13	J. Ph. Vogel, PH.D., LITT.D.
	3-2-15	G. H. Tipper, M.A., F.G.S., M.INST.M.M.
	2-2-16	Sir Richard Burn, KT., C.S.I.
5	2-2-16	Sir L. L. Fermor, KT., O.B.E., A.R.S.M., D.SC., F.G.S., M.INST.M.M., F.R.S.
	7-2-17	F. H. Gravely, D.SC., F.N.I.
	6-2-18	J. L. Simonsen, D.SC., F.I.C., F.R.S.
	6-2-18	D. McCay, M.D., M.R.C.P.
	5-2-19	J. Coggin Brown, O.B.E., M.I.M.E., F.G.S.
	5-2-19	D. R. Bhandarkar, M.A., PH.D.
10	5-2-19	R. B. Seymour Sewell, C.I.E., M.A., SO.D., M.R.C.S., L.R.O.P., F.L.S., F.Z.S., F.R.S., F.N.I.
	2-2-21	Sir U. N. Brahmachari, KT., M.A., PH.D., M.D., F.S.M.F., F.N.I.
	6-2-28	H. E. Stapleton, M.A., D.LITT., B.SC.
	6-2-28	B. Prashad, O.B.E., D.SC., F.Z.S., F.R.S.E., F.N.I.
15	6-2-28	C. A. Bentley, C.I.E., M.B., D.P.H., D.T.M. & H.
	4-2-29	Sir Albert Howard, KT., C.I.E., M.A.
	4-2-29	Sir Edward D. MacLagan, K.C.S.I., K.C.I.E.
	3-2-30	S. L. Hora, D.SC., F.Z.S., F.R.S.E., F.N.I.
	3-2-30	J. P. Mills, C.I.E., I.C.S., M.A., J.F., F.N.I.
20	3-2-30	Meghnad Saha, D.SC., F.R.S., F.N.I.
	2-2-31	S. Krishnaswami Aiyangar, M.A., PH.D., F.R.HIST.S.
	2-2-31	Sir R. N. Chopra, KT., C.I.E., M.A., M.D., SO.D., F.N.I.
	2-2-31	R. B. Whitehead, LITT.D.
	1-2-32	J. Bacot.
25	6-2-33	Percy Brown, O.B.E., A.R.C.A.
	6-2-33	Ordhendra Coomar Gangoly, B.A.
	5-2-34	D. N. Wadia, M.A., B.SC., F.R.G.S., F.N.I.
	3-2-36	Suniti Kumar Chatterji, M.A., D.LITT.
	3-2-36	A. M. Heron, D.SC., F.G.S., F.R.G.S., F.R.S.E., F.N.I.
30	3-2-36	H. M. Habib-ur-Rahman Khan, D.TH.
	15-2-37	K. N. Bahl, D.SC., D.PHIL., F.N.I.
	15-2-37	K. N. Dikshit, M.A.
	15-2-37	N. N. Law, M.A., B.L., PH.D.
	15-2-37	J. N. Mukherjee, C.B.E., D.SC., F.N.I.
35	6-2-39	Sir Cyril S. Fox, KT., D.SC., M.I.M.E., F.G.S., F.N.I.
	6-2-39	B. S. Guha, M.A., A.M., PH.D., F.N.I.
	5-2-40	U. N. Ghoshal, M.A., PH.D.
	5-2-40	B. C. Law, M.A., B.L., PH.D., D.LITT., F.R.G.S.
	5-2-40	R. C. Majumdar, M.A., PH.D.
40	5-2-40	H. S. Pruthi, M.SC., PH.D., F.N.I.
	1-2-43	A. F. M. Abdul Ali, M.A., F.R.S.L., F.R.G.S., F.R.H.S.
	1-2-43	Sir J. C. Ghosh, KT., D.SC., F.N.I.
	7-2-44	G. S. Bose, M.B., D.SC., F.N.I.
	5-2-45	P. C. Bagchi, M.A., DR.-ES-LETTRES.

HONORARY FELLOWS

	Date of Election.	
	4-2-20	A. FOUCHER, D.LITT. Boulevard Raspail 286, Paris, XVI ^e .
	4-2-20	SIR ARTHUR KEITH, M.D., F.R.C.S., LL.D., F.R.S.A. <i>Lately Hunterian Professor at the Royal College of Surgeons of England.</i> Buckston Browne Farm, Downe, Farnborough, Kent, England.
	4-2-20	R. D. OLDHAM, F.R.S., F.G.S., F.R.G.S. 1 Broomfield Road, Kew, Surrey, England.
5	4-2-20	J. TAKAKUSU. Imperial University of Tokyo, Tokyo, Japan.
	2-3-21	F. W. THOMAS, C.I.E., M.A., PH.D., <i>Boden Professor of Sanskrit, University of Oxford.</i> 161 Woodstock Road, Oxford, England.
	7-6-22	SIR THOMAS HOLLAND, K.C.S.I., K.C.I.E., D.SC., F.R.S. <i>Principal and Vice-Chancellor, University of Edinburgh.</i> The University, Edinburgh, Scotland.

Date of Election.		
7-6-22	SIR LEONARD ROGERS, KT., K.C.S.I., C.I.E., M.D., B.S., LL.D., F.R.C.P., F.R.S. 14 Heath Drive, London, N.W.3.	
7-1-25	STEN KONOW. Ethnographisk Museum, Oslo, Norway.	
7-3-27	RT. HON'BLE THE EARL OF LYTTON, P.C., G.C.S.I., G.C.I.E. Knebworth, Herts, England.	
5-5-30	SIR ROBERT ROBINSON, M.A., F.R.I.C., LL.D., F.R.S.E., D.SC., F.R.S., <i>Waynflete Professor of Chemistry in the University of Oxford.</i> The Dyson Perrins Laboratory, South Parks Road, Oxford, England.	
7-2-38	RT. HON'BLE SIR JOHN ANDERSON, P.C., G.C.B., G.C.I.E., G.C.S.I., C.B., K.C.B., <i>Chancellor of the Exchequer.</i> 4 Lord North Street, Westminster, S.W.1. England.	10
4-9-39	SIR S. RADHAKRISHNAN, KT., M.A., D.LITT., F.B.A., <i>Vice-Chancellor, Benares Hindu University.</i> Benares.	
4-9-39	THE MOST HON'BLE THE MARQUESS OF ZETLAND, K.G., P.C., G.C.S.I., G.C.I.E., LL.D., D.LITT., F.B.A. Aske, Richmond, Yorkshire, England.	
4-9-39	SIR JADUNATH SARKAR, KT., C.I.E., M.A., D.LITT. P. 255 Lansdowne Road, P.O. Rashbehari Avenue, Calcutta.	

CHANGES IN MEMBERSHIP

LOSS OF MEMBERS DURING 1945.

BY RETIREMENT.

Ordinary Members.

1. Mrs. Margit Stein. (1945.)
2. G. Yazdani. (1919.)
3. Lord Catto. (1936.)
4. J. B. Grant. (1941.)
5. Prabhamayee Devi. (1944.)
6. E. W. Wright. (1942.)
7. J. S. Turner. (1945.)
8. Ian Stewart. (1945.)
9. R. A. Subramanyam. (1941.)
10. Amar C. Bose. (1944.)
11. Mrs. C. Gillies. (1945.)
12. V. N. Adavi. (1944.)
13. V. Vedantatirtha. (1939.)
14. C. N. Paget. (1945.)
15. S. N. Mitra. (1944.)
16. H. H. Chick. (1944.)
17. F. C. P. Slinger. (1945.)

BY DEATH.

Ordinary Members.

1. S. K. Rahman. (1930.)
2. S. W. Kemp. (1910.)
3. C. S. Middlemiss. (1884.)
4. Alfazuddin Ahmed. (1936.)
5. Sudhir Chandra Ray. (1945.)

UNDER RULE 38.

1. G. A. P. Cooper. (1930.)
2. P. J. Eekhout. (1938.)
3. H. H. Ingalls. (1941.)
4. P. L. Mukherjee. (1937.)
5. Sri Jagannath. (1940.)

MEDALLISTS

ELLIOTT GOLD MEDAL AND CASH

RECIPIENTS.

- 1893 Chandra Kanta Basu.
- 1895 Yati Bhusana Bhaduri.
- 1896 Jnan Saran Chakravarti.
- 1897 Sarasi Lal Sarkar.
- 1901 Sarasi Lal Sarkar.
- 1904 { Sarasi Lal Sarkar.
- Surendra Nath Maitra.
- 1907 Akshoy Kumar Mazumdar.
- 1911 { Jitendra Nath Rakshit.
- Jatindra Mohan Datta.
- Rasik Lal Datta.
- 1913 { Saradakanta Ganguly.
- Nagendra Chandra Nag.
- Nilratan Dhar.
- 1918 Bibhutibhusan Dutta.
- 1919 Jnanendra Chandra Ghosh.
- 1922 Abani Bhushan Datta.
- 1923 Bhailal M. Amin.
- 1926 Bidhu Bhushan Ray.
- 1927 Kalipada Biswas.
- 1931 T. C. N. Singh.
- 1932 P. N. Das-Gupta.
- 1933 Nirmal Kumar Sen.
- 1934 D. P. Roy Chowdhury.
- 1935 Kalipada Biswas.
- 1937 Pulin Behari Sarkar.
- 1939 P. K. Chatterjee.
- 1941 M. C. Nath.
- 1944 S. K. Chakravarti.

BARCLAY MEMORIAL MEDAL

RECIPIENTS.

- 1901 E. Ernest Green.
- 1903 Sir Ronald Ross, KT., K.C.B., C.I.E., K.C.M.G., M.R.C.S., F.R.C.S., D.P.H., LL.D., D.S.C., M.D., F.R.S.
- 1905 D. D. Cunningham, C.I.E., F.R.S.
- 1907 A. W. Alcock, C.I.E., M.B., LL.D., F.R.S.
- 1909 Sir David Prain, KT., C.I.E., C.M.G., M.A., M.B., LL.D., F.R.S.E., F.L.S., F.Z.S., M.B.I.A., F.R.S.
- 1911 Carl Diener.
- 1913 William Glen Liston, C.I.E., M.D., D.P.H.
- 1915 J. S. Gamble, C.I.E., M.A., F.R.S.
- 1917 H. H. Godwin-Austen, F.R.S., F.Z.S., F.R.G.S.
- 1919 N. Annandale, C.I.E., D.S.C., C.M.Z.S., F.L.S., F.R.S.
- 1921 Sir Leonard Rogers, KT., C.I.E. M.D., B.S., F.R.C.P., F.R.C.S., F.R.S.
- 1923 Sir Samuel Christophers, KT., C.I.E., O.B.E., F.R.S., M.B.
- 1925 J. Stephenson, C.I.E., B.S.C., M.B., CH.B., F.R.S., F.R.C.S., F.R.S.E.
- 1927 S. W. Kemp, B.A., D.S.C., F.R.S., F.R.A.S.B.
- 1929 Sir Albert Howard, KT., C.I.E., M.A.
- 1931 R. B. S. Sewell, C.I.E., M.A., S.C.D., M.R.C.S., L.R.C.P., F.Z.S., F.L.S., F.R.A.S.B., F.R.S.
- 1933 R. Row, O.B.E., D.S.C.
- 1935 B. Sahni, M.A., S.C.D., D.S.C., F.G.S., F.R.S., F.R.A.S.B.
- 1937 Sir R. N. Chopra, KT., C.I.E., M.A., M.D., F.R.A.S.B.
- 1939 Sir R. McCarrison, KT., C.I.E., M.D., D.S.C., F.R.C.P., LL.D., K.H.P.
- 1941 Sir David Prain, KT., C.M.G., C.I.E., M.A., M.B., LL.D., F.R.S.E., F.R.S., F.L.S., F.Z.S., M.B.I.A.
- 1943 Rai Sir U. N. Brahmachari Bahadur, KT., M.A., M.D., PH.D., F.S.M.F., F.R.A.S.B.,

SIR WILLIAM JONES MEMORIAL MEDAL

RECIPIENTS.

- 1927 Sir Malcolm Watson, KT., LL.D., M.D., C.M., D.P.H.
 1928 Sir George A. Grierson, K.C.I.E., O.M., PH.D., D.LITT., LL.D., F.B.A.
 1930 Felix H. D'Herelle.
 1932 C. Snouck Hurgronje.
 1934 Rai Sir U. N. Brahmachari Bahadur, KT., M.A., M.D., PH.D., F.S.M.F., F.R.A.S.B.
 1937 A. J. Wensinck.
 1940 Sir Prafulla Chandra Ray, KT., C.I.E., D.SC., F.R.A.S.B., F.N.I.
 1943 Sir S. Radhakrishnan, KT., M.A., D.LITT., F.B.A.
-

ANNANDALE MEMORIAL MEDAL

RECIPIENTS.

- 1927 Fritz Sarasin.
 1930 Charles Gabriel Seligman, M.D., F.R.C.P., F.R.S.
 1933 Eugène Dubois.
 1936 John Henry Hutton, C.I.E., M.A., D.SC., F.R.A.S.B.
 1939 Frank Weidenreich.
 1942 B. S. Guha, M.A., A.M., PH.D., F.N.I., F.R.A.S.B.
-

JOY GOBIND LAW MEMORIAL MEDAL

RECIPIENTS.

- 1929 Max Weber.
 1932 Ernst J. O. Hartert, PH.D.
 1935 Leo Semenowitch Berg.
 1938 Baini Prashad, O.B.E., D.SC., F.Z.S., F.R.S.E., F.R.A.S.B.
 1941 K. N. Bahl, D.SC., D.PHIL., F.N.I., F.R.A.S.B.
 1944 S. L. Hora, D.SC., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B.
-

PAUL JOHANNES BRÜHL MEMORIAL MEDAL

RECIPIENTS.

- 1931 Ethelbert Blatter, S.J.
 1934 Isaac Henry Burkill, M.A.
 1938 Sir David Prain, KT., F.R.S.
 1942 R.B. G. N. Rangaswami Ayyangar, F.N.I.
 1944 N. L. Bor, D.SC.
-

INDIAN SCIENCE CONGRESS MEDAL, CALCUTTA

RECIPIENTS.

- 1935 Meghnad Saha, D.SC., F.R.S., F.R.A.S.B.
 1938 Sir James H. Jeans, D.SC., SC.D., LL.D., F.I.C., F.R.S.
 1943 S. P. Agharkar, M.A., PH.D., F.L.S., F.N.I.
-

PRAMATHA NATH BOSE MEMORIAL MEDAL

RECIPIENT.

1943 Sir Lewis L. Fermor, KT., F.R.S.

DR. BIMALA CHURN LAW GOLD MEDAL

RECIPIENTS.

1943 Suniti Kumar Chatterji, M.A., D.LIT., F.R.A.S.B.

1944 D. R. Bhandarkar, M.A., PH.D., F.R.A.S.B.

SARAT CHANDRA ROY MEMORIAL MEDAL

RECIPIENT.

1944 Verrier Elwin, D.SC., F.N.I.

PROCEEDINGS OF THE ORDINARY MONTHLY MEETINGS, 1945



JANUARY, 1945

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 1st, at 5-30 P.M.

PRESENT

THE HON'BLE MR. JUSTICE N. G. A. EDGLEY, M.A., I.C.S., J.P.,
Barrister-at-Law, Vice-President, in the Chair.

Members :

Basu, Mr. Jna.	Fawcus, Mr. L. R.
Brown, Mr. Percy	Haq, Khan Sahib M. M.
Chatterjee, Mr. P. P.	Ghose, Mr. R. C.
Chatterjee, Mr. R.	Khaitan, Mr. K. P.
Chokhani, Rai Bahadur R. D.	Nag, Dr. K.
Choudhury, Mr. J.	Rahman, Mr. S. K.
	Singhi, Mr. R.

Visitor :

Schroff, Mr. M. L.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of 238 books, etc., received during the last month by presentation or exchange of publications by the Society's Library, which had been placed on the table for inspection.

The following candidates were balloted for election as Ordinary Members:—

(1) *Brinkley, John R.*, Captain, P.W. Division, S.E.A.C., 6 Hungerford Street, Calcutta.

Proposer: T. Pryce Leggett. *Seconder:* J. McCabe.

(2) *Sen, Amarendra Nath.*, Barrister-at-Law, Judge, High Court; 4 Hungerford Street, Calcutta.

Proposer: N. G. A. Edgley. *Seconder:* K. Nag.

(3) *Ray, Tridibnath*, M.A., B.L., Advocate, High Court; 19 Srinath Mukherjee Lane, P.O. Ghugudanga, Calcutta.

Proposer: P. C. Mitra. *Seconder:* O. C. Gangoly.

(4) *Dutt, Sudhindra Krishna*, B.A. (Cal.), M.A. (Oxon), Barrister-at-Law, Assistant Registrar, Calcutta University; 7 Raja Guru Das Street, Calcutta.

Proposer: N. G. A. Edgley. *Seconder:* K. Nag.

(5) *Turner, John Symonds*, Captain, H.M. Forces, Manager, S.E.A.C. Newspaper, 'Statesman' Building, Calcutta.

Proposer: N. G. A. Edgley. *Seconder:* M. Z. Siddiqi.

(6) *Shahidulla, Muhammad*, M.A., B.L., Dipl. Phon. (Paris), Docteur de l'Université de Paris, Principal, Azizul Huq College, Bogra, Bengal.

Proposer: S. K. Chatterji. *Seconder:* M. Z. Siddiqi.

(7) *Roy, Kush Bakht*, M.A., LL.B., Secretary, Dalinia Cement and Paper Marketing Co., Ltd., 20 Beadon Street, Calcutta.

Proposer: P. C. Mitra. *Seconder*: O. C. Gangoly.

(8) *Tagore, Rathindra Nath*, B.Sc. (Illinois), Zemindar, General Secretary, Visva-Bharati, Santiniketan, Bengal.

Proposer: N. G. A. Edgley. *Seconder*: M. Z. Siddiqi.

(9) *Tagore, Probirendra Mohun*, Maharaja, Landholder, Haradham Palace, Benares Cantonment.

Proposer: N. G. A. Edgley. *Seconder*: K. Nag.

(10) *Rahman, A. S. M. Latifur*, Nawabzada, M.A. (Cantab.), Barrister-at-Law, Judge, High Court; 10 Nawab Abdur Rahman Street, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: M. Z. Siddiqi.

(11) *Tripathy, Ramsanker*, Journalist, 160 Harrison Road, Calcutta.

Proposer: A. F. M. Abdul Ali. *Seconder*: M. M. Haq.

(12) *Poddar, Madangopal*, Solicitor, 6 Old Post Office Street, Calcutta.

Proposer: A. F. M. Abdul Ali. *Seconder*: M. M. Haq.

(13) *Bhagat, Prahladrai*, Merchant, 26 Burtolla Street, Calcutta.

Proposer: A. F. M. Abdul Ali. *Seconder*: M. M. Haq.

(14) *Bhalwala, Debi Dutt*, Merchant, 1 Doyehatta Street, Calcutta.

Proposer: A. F. M. Abdul Ali. *Seconder*: M. M. Haq.

(15) *Poddar, Anandilall*, M.L.A., Mayor of Calcutta, 115-A Chittaranjan Avenue, Calcutta.

Proposer: A. F. M. Abdul Ali. *Seconder*: M. M. Haq.

(16) *Poddar, Badri Prasad*, B.Com., Merchant, 115-A Chittaranjan Avenue, Calcutta.

Proposer: A. F. M. Abdul Ali. *Seconder*: M. M. Haq.

(17) *Mukerji, Shankar*, M.D.H. (W.U.I.), Registered Homeopathic Practitioner, 79/3/A Lower Circular Road, Calcutta.

Proposer: A. F. M. Abdul Ali. *Seconder*: D. R. Bhandarkar.

(18) *Sen, Mihir Kumar*, M.A., B.L., Professor of Civics and Economics, Vidyasagar College; 50 Lake Place, Calcutta.

Proposer: K. Nag. *Seconder*: M. Z. Siddiqi.

(19) *Aung, U. Tun*, Assistant Superintendent, Burma Frontier Service; 11/11-A Haralal Das Street, Entally, Calcutta.

Proposer: K. Nag. *Seconder*: M. Z. Siddiqi.

(20) *Ogden, Lionel R.*, Major, O.B.E., F.R.S.A., F.R.A.I., M.A. (Cantab.), Assistant Superintendent, Burma Frontier Service; c/o Messrs. Grindlay & Co., Ltd., 54 Parliament Street, London, S.W.

Proposer: K. Nag. *Seconder*: M. Z. Siddiqi.

(21) *Bose, Subodha Chandra*, M.A., Professor of Geography, Vidyasagar College; P.438/1 Lake Place, Flat D, Kalighat, Calcutta.

Proposer: K. Nag. *Seconder*: M. Z. Siddiqi.

(22) *Chowdhury, Abdul Bashir Muhammad Sultan-ul Alam*, M.A., Lecturer in the Department of Arabic and Persian, Calcutta University; 45 Gorachand Road, Calcutta.

Proposer: M. Z. Siddiqi. *Seconder*: K. Nag.

(23) *Nixon, Allan*, Second Officer, Merchant Navy; c/o B.I.M.S. Club, Chowringhee Lane, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: H. B. Osborn.

(24) *More, Seth Chandí Prasad*, Merchant, P. 5 Chitpur Spur, Calcutta.

Proposer: A. F. M. Abdul Ali. *Seconder*: D. R. Bhandarkar.

(25) *Sanyal, Snehamay*, M.A., Stud. Instt. Trans. (London), Goods Supervisor, B.I.R. Goods Office; 43 Ram Charan Sett Road, P.O. Santragachi, Howrah.

Proposer: N. Dutt. *Second*: K. Nag.

(26) *Stein, Mrs. Margit*, Writer; c/o Messrs. Lloyds Bank, Ltd., 37 Chowringhee, Calcutta.

Proposer: A. Hughes. *Second*: N. G. A. Edgley.

(27) *Burman, Debajyoti*, M.A., M.Com., B.L., Assistant Editor, *Modern Review*; P. 436-1 Kabir Road, Calcutta.

Proposer: K. N. Chatterji. *Second*: P. C. Chatterjee.

(28) *Dev Varma Bahadur*, Col. His Highness Maharaja Manikya Sir Bir Bikram Kishore, K.C.S.I., Maharaja and Ruler of Tripura State, Ujjayanta Palace, Agartala, Tripura State.

Proposer: S. P. Mookerjee. *Second*: N. G. A. Edgley.

(29) *Banerji-Sastri, Anantaprasad*, M.B.E., Vidyabhushana, Vachaspati, M.A. (Cal.), D.Phil. (Oxon), Principal, Sanskrit College; 81 Raja Basanta Roy Road, Lansdowne Road Extension, Calcutta.

Proposer: S. P. Mookerjee. *Second*: K. Nag.

(30) *Molgaard, V. B.*, M.A., C.TH. (Copenhagen), Captain, c/o The Danish Consulate, 5 Fairlie Place, Calcutta.

Proposer: Percy Brown. *Second*: K. Nag.

(31) *Pickett, The Right Rev. Bishop Jarrell Waskom*, M.A., D.D., LL.D., Methodist Bishop of Bombay, Robinson Memorial, Byculla, Bombay.

Proposer: W. G. Griffiths. *Second*: K. Nag.

The General Secretary reported the following loss of membership since the last meeting, by resignation:—

(6) P. C. Sanyal (An Ordinary Member, 1943).

(7) P. K. Ghose (An Ordinary Member, 1942).

The General Secretary reported that the election of

(1) M. B. Cockson (Elected on 4-9-44)

had become null and void under Rule 9.

The General Secretary reported the following withdrawals of applications since the last meeting:—

(1) William Bailey (elected on 7-8-44).

(2) W. M. Clark (elected on 4-9-44).

The General Secretary reported that the Council since the last Ordinary Monthly Meeting had appointed Mr. K. P. Khaitan, M.A., B.L., Barrister-at-Law, a Member of Council, to represent the Society on the Board of Trustees of the Indian Museum in terms of the Indian Museum Act X of 1910.

The General Secretary reported that the Council since the last Ordinary Monthly Meeting had nominated Rai Sir Upendra Nath Brahmachari Bahadur, Kt., and Dr. Girindra Sekhar Bose, M.B., D.Sc., to represent the Society to serve on the Council of the National Institute of Sciences of India as an Additional Vice-President and an Additional Member of Council respectively for the year 1945.

The General Secretary reported that the names of the following Ordinary Members had been removed from the member-list of the Society with effect from 31-12-44 in accordance with Rule 40 (absence from India).

(1) Mr. A. G. Brooke (An Ordinary Member, 1936).

(2) Mr. C. A. Boyle (An Ordinary Member, 1932).

(3) Mr. J. H. Hutton (An Ordinary Member, 1923).

The General Secretary reported that in accordance with Rule 40, the names of the following Ordinary Members would be removed from the next member-list of the Society:—

- (1) Dr. Anina Klebe (absent since 1941).
- (2) Mr. E. A. Andrews (absent since 1941).
- (3) Mr. S. M. Ayrtton (absent since 1941).
- (4) Mr. A. M. Carstairs (absent since 1941).
- (5) Rev. B. A. Helland (absent since 1941).
- (6) Mr. S. P. Majumdar (absent since 1941).
- (7) Count Edmund Podewils-Durniz (absent since 1941).
- (8) Capt. E. Parker (absent since 1941).

The General Secretary reported that in accordance with Rules 37 and 38, the names of the following members would be suspended as defaulters within the Society's building for the period of one month, to be removed from the Society's registers for non-payment unless the amount due as subscription be paid before the next Ordinary Monthly Meeting:—

- (1) Mr. G. A. P. Cooper (due Rs.40).
- (2) Mr. A. Chatterjee (due Rs.60).
- (3) Mr. P. J. Eekhout (due Rs.72).
- (4) Mr. H. H. Ingalls (due Rs.99).
- (5) R. B. P. L. Mukherjee (due Rs.99).
- (6) Mr. G. M. Sinclair (due Rs.48).
- (7) Mr. R. A. Subramanyam (due Rs.72).
- (8) Sri Jagannath (due Rs.54).
- (9) Mr. T. A. Wellsted (due Rs.54).

In accordance with Rule 48(d) the General Secretary submitted for confirmation by the meeting the following appointments made on the staff of the Society by the Council since the last Ordinary Monthly Meeting:—

1. Mr. D. L. Banerji as a Cataloguer in the general section of the Society's library for one year on Rs.100 plus the dearness allowance of Rs.15 p.m., with effect from 1-1-1945, in place of Mr. Siva Sankar Mitra, resigned.

2. Mr. P. C. Paul as an Assistant for old records and archives of the Society on Rs.75 plus the dearness allowance of Rs.15 per month. (Mr. Paul was working in the records of the Society from 9-4-44.)

In accordance with Rules 2(c) and 13, the General Secretary reported that the Council, since the last Ordinary Monthly Meeting, had proposed for re-election as an Associate Member of the Society, for a period of 5 years, of

Miss M. L. W. Cleghorn.

whose period of Associate Membership had expired on 4-12-44.

The following paper was read:—

1. A. CORTESAO.—*The 'City of Bengala'.*

Tomé Pires, in his book *Suma Oriental* (written in Malacca and Cochin, 1512-1515) has mentioned the 'City of Bengala' (*Cidade de Bengalla*) as the Principal port of the 'Ports of Bengala'. The author, in this paper, has endeavoured to identify the 'City of Bengala' with the ancient Gaur in Eastern Bengal. The argument he has advanced in favour of this identification is that Tomé Pires has mentioned the 'City of Bengala' and Satgaon (*Sadegam*) as different places, and says that the former, a great city of 40,000 hearths, lay two days' journey up the river Ganges, which excluded the possibility of identifying the 'City of Bengala' with Chittagong. The author thinks that, later on, when the Portuguese settled in Bengal, the designation 'City of Bengal' corresponded to Chittagong, as is shown by several mid-sixteenth century Portuguese chroniclers and cartographers.

The following MSS. belonging to the Society's Library were shown and commented upon:—

1. *Two Manuscripts belonging to the Society's Library.*

(1) *Kṛṣṇamaṅgala* by Dviṇa Govinda (Govt. Col. 4134). Country-made paper. Bengali. No date, c. 18th cent. A.D.

The work is a long narrative poem (comprising some 3,700 verses), describing the deeds of Kṛṣṇa. The author, Dviṇa Govinda, appears to be a direct follower of Caitanya and Nityānanda and there are many *bhāṇitās* which justify the above inference.

There are several contemporary references to such a poem by Govinda Ācārya, a prominent devotee of Śrī Caitanya, but no trace of this poem could be obtained before now. There is little doubt that the poem, believed to be lost, is contained in the present manuscript, which, though mutilated at both ends (the last folio is damaged and the first is missing), is of singular importance because of its uniqueness.

(2) *Bahār-i-Sukhan* (No. 144, C.C.).

A collection of official and private letters with other five prose-writings by Muhammad Sāliḥ Kanbū Lāhūrī, the author of 'Amal-i-Sāliḥ or Shāh-jahān Nāma, compiled in 1074 H./1663-64 A.D. The preface to the collection is by Ab'ul Barakāt Munir.

The work is divided into four parts called *Chaman*. The first contains, besides a panegyric on Shāhjahān and an account of the origin of the work, letters written by the author in the name of Shāhjahān, Aurangzib, Āṣaf Khān, etc., to various sovereigns of Irān and Tūrān. The remaining sections contain the author's letters to some friends and contemporaries, with pieces of ornate prose describing Shāhjahānābād, Agra, Kashmir, and other places of India.

The present manuscript is transcribed from an autograph copy of the author by Nāghand Rā'i in 1223 H./1808 A.D.

2. *A brochure containing Copies of Letters issued by the Society to Governments of India and Bengal with regard to post-war cultural reconstruction in India was placed on the table for inspection of the members.*

The following communication was made:—

1. J. M. CHOUDHURI.—*The Flora of Kālidās.*

Far back in the sixth century the poet Kālidās gave us, in his superb poetic effusions, a list of the flora of early India. It is a curious, though pleasant, study for the botanist of today. The cycle of seasons, in the plains and on the hills, presents us spectacles of a variety of colours which soothe and ache one's eyes. Fifteen species of plants and shrubs appear in his *Ritu-Samhāra*, the only book containing a complete catalogue of flowers of India of his times. Leaving aside the romantic halo around each name, we notice a confusion of statements and explanations made by some modern lexicographers. *Nava-kesara* is identified with *Nāga-Kesara* and *Bakula*, but the two are quite different genera; *Kadamba*, the well-known orb-shaped *Nauclea* *Cadamba*, passes for *Sarshapa* (mustard?). This requires clarification. Again, *Arjuna*, the noted drug of the Cardiac organ, is probably wrongly identified with *Echites* *Antidysenterica*, i.e. *Kutaja* or *Kurchi* in popular dialect. *Bandhuka*, a shrub, bearing red flowers

is another name for *Neepe*, which, however, can be nothing other than *Kadamba*, if we have any reverence for ancient framers of dictionaries. If *Priyangu* or *Syāmā* creeper is long pepper, a plant of genus *Capsicum*, there must be the linguists' satisfaction in the study of the following roots, viz. A.S. *Pipor*, Latin *Piper*, Gr. *Pepri* and Sanskrit *Pippala*. But *Priyangu* occurs only in *Medinī* and neither in *Rājamirghanta* nor in *Sabdaratnāvalī*. *Kurava*, a kind of shrub, is said to have three species, red, white, and yellow, asserted in different *Koṣas* or lexicons.

Evidently, therefore, there is either a duality or plurality of names in some cases, or extinction of some species of plants, or their mis-identification till now.

The Chairman announced the result of the ballot for the election of Ordinary Members and declared that all the candidates had been duly elected.

The Chairman announced that the Annual Meeting of the Society would be held on the first Monday in February (5th) and invited the members present to communicate to the office names and addresses of non-members to whom they wished invitations to be issued.



FEBRUARY, 1945

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 5th, immediately after the termination of the Annual Meeting.

PRESENT

THE HON'BLE MR. JUSTICE N. G. A. EDGLEY, M.A., I.C.S., Barrister-at-Law, Vice-President, in the Chair.

Members :

Agharkar, Dr. S. P.
Ali, Mr. A. F. M. Abdul
Bagchi, Dr. K. N.
Brown, Mr. Percy
Chatterjee, Mr. P. P.
Ghani, Mr. Osman
Ghoshal, Dr. U. N.

Griffiths, Dr. W. G.
Haye, Mr. Abdul
Ishaque, Dr. Md.
Khaitan, Mr. K. P.
Osborn, Dr. H. D.
Rahman, The Hon'ble Mr. Justice A. S. M.
Latifur

Siddiqi, Dr. M. Z.

The minutes of the last meeting were read and confirmed.

The General Secretary reported that the presentation of books, etc., received in January, would be exhibited at the next Ordinary Monthly Meeting.

The following candidates were balloted for election as Ordinary Members:—

(32) *Advani, Mohanlal Gianchand*, B.Sc., Manager, Messrs. B. Lilaram & Sons, 26 The Mall, Simla.

Proposer: K. M. Asadullah. Seconder: K. Nag.

(33) *Mitra, Nalini Nath*, Zemindar and Businessman, 94 Bakul Bagan Road, Bhawanipur, Calcutta.

Proposer: N. G. A. Edgley. Seconder: M. Z. Siddiqi.

(34) *Sen, Profulla Chandra*, Mining Engineer (Colliery Manager), Indian State Railways, Jarangdih Colliery, P.O. Bokara, Hazaribagh, E.I.R.

Proposer: N. G. A. Edgley. *Seconder*: M. Z. Siddiqi.

(35) *Dutta, Dwijendra C.*, Assistant Private Secretary to His Highness the Maharaja Manikya Bahadur of Tripura, P.O. Agartala, Tripura State.

Proposer: N. G. A. Edgley. *Seconder*: M. Z. Siddiqi.

(36) *Schroff, Mahadeva Lal*, A.B. Hons. (Cornell), M.S.(M.I.T.), Chief Chemist, Messrs. Birla Bros., Ltd., and Secretary, Birla Laboratories, 8 Royal Exchange Place, Calcutta.

Proposer: R. D. Chokhany. *Seconder*: K. P. Khaitan.

(37) *Singhanian, Madan Mohan*, Businessman, 29 Sir Hariram Goenka Street, Banstola Street, Calcutta.

Proposer: K. P. Khaitan. *Seconder*: R. D. Chokhany.

(38) *Namgyal, Palden Thondup*, Maharaj-Kumar of Sikkim, The Palace, Gangtok, Sikkim.

Proposer: S. L. Hora. *Seconder*: N. G. A. Edgley.

(39) *Goodwyn, Harold Peter*, B.A. (Cantab.), I.C.S., Deputy Secretary to the Governor of Bengal, 5 Wellesley Place, Calcutta.

Proposer: G. M. Ratcliff. *Seconder*: N. G. A. Edgley.

(40) *Hussain, Syed Shabbir*, B.Sc., Pilot, Flight-Lieutenant, I.A.F., 171 Lloyds Road, Royapettah, Madras.

Proposer: N. G. A. Edgley. *Seconder*: M. Z. Siddiqi.

(41) *Dash, Arthur Jules*, C.I.E., Chairman, Public Service Commission, Bengal, Kenmure Point, Darjeeling.

Proposer: N. G. A. Edgley. *Seconder*: M. Z. Siddiqi.

(42) *Ghosh, Baidya Nath*, Director, The Educational Film Corporation, Windsor House, Mission Row Extension, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: M. Z. Siddiqi.

(43) *Krishnarao, Bhavaraju Venkata*, M.A., B.L. (Foundation Secretary, Andhra Historical Research Society, Rajahmundry), Commissioner, Hindu Religious Endowments Board, P.O. Cathedral, Madras.

Proposer: N. G. A. Edgley. *Seconder*: M. Z. Siddiqi.

(44) *Hossain, The Hon'ble Nawab Musharruff*, Khan Bahadur, Minister, Government of Bengal, 87 Southern Avenue, Ballygunge, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: M. Z. Siddiqi.

(45) *Akram, The Hon'ble Mr. Justice Abu Saleh Mohamed*, Judge, High Court, 27 Ripon Lane, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: M. Z. Siddiqi.

(46) *Thakur, Jamuna Mall*, Zemindar, c/o Padrauna Raj, P.O. Padrauna, Gorakhpur, U.P.

Proposer: N. G. A. Edgley. *Seconder*: A. F. M. Latifur Rahman.

(47) *Mitter, J. K.*, Sheriff of Calcutta, 1 Raja Rajballav Street, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: A. S. M. Latifur Rahman.

(48) *Majumdar, J. N.*, Barrister-at-Law, Standing Counsel, High Court, 63/1/2, Lansdowne Road, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: K. P. Khaitan.

(49) *Martin, Martyrose*, Businessman, 34 Free School Street, Calcutta.

Proposer: M. Ishaque. *Seconder*: Percy Brown.

(50) *Ormond, The Hon'ble Mr. Justice Ernest Charles*, Barrister-at-Law, Judge, High Court; 10 Judges Court Road, Alipore, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: T. Roxburgh.

(51) *Bose, S. M.*, Barrister-at-Law, Advocate-General, Bengal; 22/1 Ballygunge Circular Road, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: A. S. M. Latifur Rahman.

(52) *Basu, A. K.*, Barrister-at-Law, Govt. Counsel, Calcutta High Court; 1 Ironside Road, Ballygunge, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: T. Roxburgh.

(53) *Das, The Hon'ble Mr. Justice S. R.*, Judge, High Court; 136 Rash Behari Avenue, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: A. S. M. Latifur Rahman.

(54) *Curlender, A.*, Merchant, 9 Theatre Road, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: Percy Brown.

(55) *Maroof, Sheikh Mohammed, M.A. (Geog.)*, Alig., Traffic Officer, Calcutta. Port Commissioners; 28/2, Garden Reach Road, Calcutta.

Proposer: S. L. Hora. *Seconder*: Percy Brown.

(56) *LaCamp, Adalan*, Survey of India, United Service Club, Chowringhee, Calcutta

Proposer: N. G. A. Edgley. *Seconder*: L. R. Fawcus.

(57) *Hodge, W. E.*, B.A. (Oxon), Dip.For., Indian Forest Service; U.S. Club, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: L. R. Fawcus.

(58) *Dossani, G. A.*, Khan Bahadur, Merchant, 234/5 Lower Circular Road, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: S. L. Hora.

(59) *Hugh Tufnell-Barrett, C.I.E., I.C.S.*, Director-General, Food, Civil Supply Departments, Government of Bengal; United Service Club, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: A. S. M. Latifur Rahman.

(60) *Franklin, Garrick George*, Master Pilot, Bengal Pilot Service; United Services Club, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: A. S. M. Latifur Rahman.

(61) *Das-Gupta, K. C.*, M.A. (Cantab.), I.C.S., Barrister-at-Law, Registrar, High Court, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: L. A. Fawcus.

(62) *Chaturvedi, Shyamlal*, Stock-Broker and Dealer, 54 Vivekanand Road, Calcutta.

Proposer: Shankar Mukherji. *Seconder*: S. P. Agharkar.

(63) *Chaudhuri, A. N.*, Barrister-at-Law, 42 Jhowtala Road, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: K. Nag.

The General Secretary reported that the Council since the last Ordinary Monthly Meeting, had constituted a Board consisting of the Hon'ble Mr. Justice Edgley, Messrs. Percy Brown, M. Z. Siddiqi, K. P. Khaitan, K. Nag and M. N. Saha as members, with power to co-opt additional members, to consider generally matters relating to the celebration of the Bicentenary of the birth of Sir William Jones in 1946.

The General Secretary reported that the following members had regularized their subscription since the last meeting and so their names had been exempted from the operation of Rule 38:—

- (1) Mr. Ashoke Chatterjee.
- (2) Mr. R. A. Subramanyam.
- (3) Mr. T. A. Wellsted.
- (4) Mr. G. M. Sinclair.

In accordance with Rule 38, the Chairman announced that the names of the following Ordinary Members whose names had, since the last Ordinary Monthly Meeting, been suspended as defaulters within the Society's building, had now been removed from the Society's registers for non-payment of dues:—

- (1) Mr. G. A. P. Cooper.
- (2) Mr. P. J. Eekhout.
- (3) Mr. H. H. Ingalls.
- (4) R. B. P. L. Mukherjee.
- (5) Sri Jagannath.

The Chairman called for a ballot for the election of Miss M. L. W. Cleghorn as an Associate Member of the Society for a period of five years, whose name was proposed at the last Ordinary Monthly Meeting.

The Chairman announced the result of the ballot for the election of Ordinary Members and the re-election of the Associate Member and declared that all the candidates had been duly elected.

MARCH, 1945

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 5th, at 5-30 P.M.

PRESENT

THE HON'BLE MR. JUSTICE N. G. A. EDGLEY, M.A., I.C.S., Barrister-at-Law, Vice-President, in the Chair.

Members :

Agharkar, Dr. S. P.	Hasan, Mr. M.
Begchi, Dr. K. N.	Hodge, Mr. W. E.
Basu, Dr. I. B.	Hora, Dr. S. L.
Basu, Mr. Jna.	Ishaque, Dr. M.
Batia, Mr. C.	Khaitan, Mr. K. P.
Brown, Mr. Percy	Khaitan, Mrs.
Chatterjee, Mr. B. C.	Law, Dr. B. C.
Chatterjee, Mr. P. P.	Mukherjee, Dr. Shankar
Ghose, Mr. R. C.	Saraswati, Mr. S. K.
Ghosh, Mr. S. K.	Sen-Gupta, Mr. P. C.
Haq, Khan Sahib M. M.	West, Dr. W. D.

Visitor :

Mason, Mr. G. H.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of 8 presentations of books received in the Society's Library in January, 1945, which had been exhibited on the table.

The following candidates were balloted for election as Ordinary Members:—

(64) *Nazimuddin, The Hon'ble Khwaja Sir, K.C.I.E., Chief Minister, Bengal; 31 Theatre Road, Calcutta.*

Proposer: N. G. A. Edgley. Seconder: A. S. M. Latifur Rahman.

(65) *Ghosh, Haricharan*, M.A., B.L., P.R.S. (Cal.), F.R.E.S. (London), Vice-Principal, Bangabasi College and Lecturer, Calcutta University; 45-1 Mudiali Road, P.O. Kalighat, Calcutta.

Proposer: D. Burman. *Seconder*: P. C. Mitra.

(66) *Mitter, The Hon'ble Mr. Justice Rupendra Goomar*, Judge, High Court; P. 24-25, Sch. VII-J, Chittaranjan Avenue, P.O. Hatkhola, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: Percy Brown.

(67) *Wise, John Mac*, Corporal, 556896 U.S.A.F., Myitkyina, Burma.

Proposer: P. C. Bagchi. *Seconder*: S. L. Hora.

(68) *Basu, S. M.*, Government Solicitor, c/o Messrs. C. C. Basu & Co., 9 Old Post Office Street, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: Sir George Morton.

(69) *Ghosh, S. K.*, M.A., B.L., Solicitor, c/o Messrs. B. N. Basu & Co., Temple Chambers, 6 Old Post Office Street, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: A. N. Sen.

(70) *Sen, M. N.*, Solicitor, c/o Messrs. P. N. Sen & Co., 6 Old Post Office Street, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: A. S. M. Latifur Rahman.

(71) *Bharti, Nanak Chand*, c/o Hardware and Metal Industries, 30 Clive Street, Calcutta.

Proposer: Shankar Mukerji. *Seconder*: P. C. Bagchi.

(72) *Mookerjee, Benode Gopal*, Zemindar, Bakulia House, 2 Bishu Babu's Lane, Kidderpur, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: S. L. Hora.

(73) *Sen, S. N.*, Solicitor, c/o Messrs. C. C. Basu & Co., 9 Old Post Office Street, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: K. C. Das-Gupta.

(74) *Goenka, Sir Badridas*, Kt., C.I.E., 145 Muktarām Babu Street, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: N. A. Khundkar.

(75) *Taylor, Stanley Grisewood*, I.P., D.I.G., Presidency Range, 11-1 Burdwan Road, Alipur, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: N. A. Khundkar.

(76) *Ahmed, A.*, Deputy Legal Remembrancer, High Court; 34 Circus Avenue, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: N. A. Khundkar.

(77) *Mitter, Gopendra Krishna*, Barrister-at-Law, c/o Bar Library, High Court, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: N. A. Khundkar.

(78) *Basak, S. C.*, M.A., D.L., Senior Government Pleader, High Court; 24 Asutosh Mookerjee Road, Bhawanipur, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: A. S. M. Latifur Rahman.

(79) *Mason, George Henry*, A.M.I.P.E., Consulting Production Engineer and Industrial Planning Officer, Director-General Aircraft, 31 Chowringhee, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: P. P. Chatterjee.

(80) *Sarma, Harendra Nath*, B.L., Advocate, High Court; 10 Old Post Office Street, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: B. N. Banerjee.

(81) *Lahoty, Bihari Lall*, c/o Krishnabehari Tea Co., Ltd., 161/1 Harrison Road, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: B. N. Banerjee.

(82) *Ghose, Manindra Nath*, Barrister-at-Law and Professor, 11 Dover Lane, P.O. Rashbehari Avenue, Calcutta.

Proposer: K. P. Khaitan. *Seconder*: K. Biswas.

(83) *Sett, Jyotish Chandra*, Barrister-at-Law, 5 Baroda Mitter Lane, Shambazar Calcutta.

Proposer: K. P. Khaitan. *Seconder*: K. Biswas.

(84) *Sanyal, Hem Nath*, Barrister-at-Law, 96/1 Lansdowne Road, Calcutta.

Proposer: K. P. Khaitan. *Seconder*: K. Biswas.

(85) *Bezboruah, Krishna Kamal*, Barrister-at-Law, 11/A Chowringhee Terrace, Calcutta.

Proposer: K. P. Khaitan. *Seconder*: K. Biswas.

(86) *Rahman, Mohammad Fazlur*, Barrister-at-Law, 22 Lansdowne Road, Calcutta.

Proposer: K. P. Khaitan. *Seconder*: K. Biswas.

(87) *Sinha, Deep Narayan*, Barrister-at-Law, 4 Rajah Santosh Road, Alipur Calcutta.

Proposer: K. P. Khaitan. *Seconder*: K. Biswas.

(88) *Chatterjee, Satyendranath*, Barrister-at-Law and Professor, 2/1/B Chandra Madhab Road, P.O. Elgin Road, Calcutta.

Proposer: K. P. Khaitan. *Seconder*: K. Biswas.

(89) *Das, Dhruba Ranjan*, Barrister-at-Law, 10 Old Post Office Street, Calcutta.

Proposer: K. P. Khaitan. *Seconder*: K. Biswas.

(90) *Mitra, Anil Chandra*, Barrister-at-Law, 94/A Lansdowne Road, Calcutta.

Proposer: K. P. Khaitan. *Seconder*: K. Biswas.

(91) *Sen, Asoke Kumar*, Barrister-at-Law, 55 Lake Place, P.O. Kalighat, Calcutta.

Proposer: K. P. Khaitan. *Seconder*: K. Biswas.

(92) *Kar, Guru Pada*, Barrister-at-Law, 72 Hindusthan Park, Ballygunge, Calcutta.

Proposer: K. P. Khaitan. *Seconder*: K. Biswas.

(93) *Das Gupta, Subodh Ranjan*, Barrister-at-Law, 23 Hindusthan Park, Ballygunge, Calcutta.

Proposer: K. P. Khaitan. *Seconder*: K. Biswas.

(94) *Das, Banamali*, Barrister-at-Law, 3 Valmeek Street, Kalighat, Calcutta.

Proposer: K. P. Khaitan. *Seconder*: K. Biswas.

(95) *Mookharjee, Jnanada Prasad*, Barrister-at-Law, 39/1 Girish Mukherjee Road, Bhawanipur, Calcutta.

Proposer: K. P. Khaitan. *Seconder*: K. Biswas.

(96) *Mukerji, Iswar Prosonno*, Barrister-at-Law, 10 Allenby Road, P.O. Elgin Road, Calcutta.

Proposer: K. P. Khaitan. *Seconder*: K. Biswas.

(97) *Basu, Pravas Chandra*, Barrister-at-Law, 62 Dhurumtollah Street, Calcutta.

Proposer: K. P. Khaitan. *Seconder*: K. Biswas.

(98) *Sethia, Dalimchand*, Barrister-at-Law, P. 16 New Jagannath Ghat Road, Calcutta.

Proposer: K. P. Khaitan. *Seconder*: K. Biswas.

(99) *Loyalka, Ghanshyamdas*, 9 Royal Exchange Place, Calcutta.

Proposer: K. L. Poddar. *Seconder*: K. P. Khaitan.

(100) *Banerji, Bishwanath*, B.Sc., M.B., Medical Practitioner, 49 South End Park, Ballygunge, Calcutta.

Proposer: K. P. Khaitan. *Seconder*: K. L. Poddar.

- (101) *Khaitan, Gajanand*, 43 Zakaria Street, Burrabazar, Calcutta.
Proposer: K. L. Poddar. Second: K. P. Khaitan.
- (102) *Savaria, Kanji Ramji*, Colliery Proprietor, Jharia, E.I.R.
Proposer: K. P. Khaitan. Second: Sir Cyril Fox.
- (103) *Mitra, Sailendra Nath*, B.Sc., B.Com. (Lond.), A.C.A., Auditor, 59 Belgachia Road, Calcutta.
Proposer: D. Burman. Second: S. K. Saraswati.
- (104) *Law, Nirmal Chandra*, M.Sc., Honorary Presidency Magistrate, 50 Kailas Bose Street, Calcutta.
Proposer: B. C. Law. Second: N. G. A. Edgley.
- (105) *Stark, Alan Forrest*, M.L.A., Secretary, European Group, Corporation of Calcutta; 4 Lyons Range, Calcutta.
Proposer: N. G. A. Edgley. Second: Maharajadhiraja of Burdwan.
- (106) *Gillies, Mrs. C.*, Managing Director, Messrs. F. D. Stewart, Ltd., 13 British Indian Street, Calcutta.
Proposer: N. G. A. Edgley. Second: Maharajadhiraja of Burdwan.
- (107) *Bose, Sri Bhusan*, Solicitor, c/o Messrs. Orr Dignam & Co., 32 Dalhousie Square, Calcutta.
Proposer: N. G. A. Edgley. Second: Maharajadhiraja of Burdwan.
- (108) *Tagore, Purnendu Nath*, Barrister-at-Law, 1 Darponarain Tagore Street Calcutta.
Proposer: N. G. A. Edgley. Second: A. N. Chaudhuri.
- (109) *Ray Chowdhury, Binayendranath*, Barrister-at-Law, Santosh House, 21 Raja Santosh Road, Calcutta.
Proposer: N. G. A. Edgley. Second: A. N. Chaudhuri.
- (110) *Khandelwal, Kedarnath*, Rai Bahadur, Stock & Share Broker, 1/1 Bakery Road, Hastings, Calcutta.
Proposer: Maharajadhiraja of Burdwan. Second: N. G. A. Edgley.
- (111) *Rangaswami, G. S.*, Managing Editor, *Indian Finance*, 116 Lower Circular Road, Calcutta.
Proposer: N. G. A. Edgley. Second: Maharajadhiraja of Burdwan.
- (112) *Chatterjee, B. B.*, Barrister-at-Law, 12 Circus Avenue, Flat 6, Calcutta.
Proposer: N. G. A. Edgley. Second: Maharajadhiraja of Burdwan.
- (113) *Dutt, M. N.*, Stock & Share Broker, 29 Creek Lane, Calcutta.
Proposer: N. G. A. Edgley. Second: Maharajadhiraja of Burdwan.
- (114) *Deb, Rabindra Krishna*, Solicitor, c/o Messrs. Dutt & Sen, 6 Old Post Office Street, Calcutta.
Proposer: N. G. A. Edgley. Second: K. P. Khaitan.
- (115) *Subrahmanyam, P. K.*, Branch Manager, Messrs. B. R. Herman & Mohatta, Ltd., 29 Strand Road, Calcutta.
Proposer: N. G. A. Edgley. Second: Sir B. N. Mookerjee.
- (116) *Hedley, Gordon Bushell*, Bengal Pilot Service, United Service Club, Calcutta.
Proposer: N. G. A. Edgley. Second: W. E. Hodge.
- (117) *Goswami, The Hon'ble Mr. T. C.*, Minister to the Government of Bengal; 18/2 Dover Lane, Calcutta.
Proposer: N. G. A. Edgley. Second: K. P. Khaitan.
- (118) *Pell, Terrence*, Master Pilot, Bengal Pilot Service; United Service Club, Calcutta.
Proposer: N. G. A. Edgley. Second: W. D. West.

(119) *Slinger, Francis Charles Peter*, I.E., Geologist, G.S.O. III Strategic Branch Geological Survey of India, 27 Chowringhee, Calcutta.

Proposer: W. D. West. *Seconder*: N. G. A. Edgley.

(120) *Taimuri, Mirza Hamid Raza*, Director of Archaeology and the State Hamidiya Library, Bhopal.

Proposer: Chintaharan Chakravarti. *Seconder*: S. K. Saraswati.

(121) *Liddle, George William Umpleby*, Assistant Tea Controller, Messrs. J. Thomas & Co.; 21 Ballygunge Park, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: Percy Brown.

(122) *Fergie, Kenneth Rishton*, Assistant, Messrs. George Henderson & Co., Ltd., 101/1 Clive Street, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: Percy Brown.

(123) *Dickinson, Eric Charles*, M.A. Hons. (Oxon.), Offg. Principal, Government College, Lahore; 12 Kacheri Road, Lahore.

Proposer: N. G. A. Edgley. *Seconder*: Percy Brown.

(124) *Russell, Joshua Forbes*, Chief Engineer, Irrigation Branch, C. & W. Department; United Service Club, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: Percy Brown.

(125) *Lethbridge, Montagu Henry Bowater*, I.C.S., President, Calcutta Tribunal; 3 Lansdowne Road, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: A. S. M. Akram.

(126) *Nougerède, Vincent Adair de la*, Civil Engineer, Sleeper Control Officer, Eastern Group; United Service Club, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: C. S. Mullan.

(127) *Sharpe, Alfred George*, M.A. (Cantab.), M.Inst.Struct.E., Chartered Structural Engineer, Manager, Messrs. The Braithwaite Burn & Jessop Construction Co., Ltd., Post Box No. 264, Calcutta; c/o United Service Club, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: C. S. Mullan.

(128) *Holmes, Charles Herbert*, Merchant, Bengal Club, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: A. S. M. Latifur Rahman.

The General Secretary reported that the election of

(2) K. L. Chopra (elected on 2-10-44)

had become null and void under Rule 9.

The General Secretary reported the constitution of the various Committees and Boards of the Society for the year 1945 to be as follows:—

(1) *Library Committee* :

President, General Secretary, Treasurer, Philological Secretary, Jt. Philological Secretary, Biological Secretary, Physical Science Secretary, Anthropological Secretary, Library Secretary, Historical and Arch. Secretary, Medical Secretary (*ex-officio*).

Additional.—Khan Bahadur K. M. Asadullah.

(2) *Publication Committee* :

President, General Secretary, Treasurer, All Sectional Secretaries (*ex-officio*).
Additional.—Dr. S. K. Chatterji.

(3) *Finance Committee* :

President, General Secretary, Treasurer (*ex-officio*).

Additional.—The Hon'ble Mr. Justice N. G. A. Edgley, Dr. S. L. Hora, Mr. Percy Brown and Dr. W. D. West.

(4) *Bibliotheca Indica Committee :*

President, General Secretary, Treasurer (*ex-officio*), Sir Jadunath Sarkar, Dr. S. K. Chatterji, Dr. N. Dutta, Dr. M. Z. Siddiqi, Dr. B. C. Law, Dr. M. Ishaque, Prof. M. M. Haq, and Dr. Satkori Mukherji.

(5) *Programme Committee :*

President, General Secretary, Treasurer (*ex-officio*), The Hon'ble Mr. Justice Edgley, Dr. K. N. Bagchi, Dr. W. G. Griffiths, Dr. R. C. Majumdar, Mr. L. R. Fawcus, Mr. Percy Brown, and Dr. W. D. West.

(6) *Cultural Advisory Board :*

The Hon'ble Mr. Justice Edgley, Dr. R. C. Majumdar, Dr. Kalidas Nag, Mr. C. W. Gurner, Dr. N. Dutt, Dr. M. Z. Siddiqi, Dr. B. C. Law, Mr. L. R. Fawcus, Dr. M. Ishaque, Mr. Percy Brown, Mr. K. P. Khaitan, Mr. E. B. H. Baker, Rev. W. J. Culshaw, Mr. K. Sen, Dr. S. K. Chatterji, Mr. L. K. Elmhirst, Prof. M. M. Haq, Dr. S. P. Mookerjee, Mr. A. N. Chaudhuri, Maharajadhiraja U. C. Mahtab, and The Hon. Mr. Justice A. S. M. Latifur Rahman.

(7) *Scientific Advisory Board :*

Dr. M. N. Saha, Dr. S. C. Law, Dr. S. P. Agharkar, Dr. K. N. Bagchi, Dr. W. G. Griffiths, Dr. J. B. Grant, Dr. S. L. Hora, Dr. W. D. West, Dr. I. B. Basu, Mr. A. P. Benthall, and Sir Cyril S. Fox.

He also reported that the Cultural and Scientific Advisory Boards were empowered to co-opt additional members when necessary. The main function of these Boards would be to consider measures that are necessary for promoting the cultural and scientific activities of the Society.

The General Secretary also reported that the Council, since the last Ordinary Monthly Meeting, had constituted an Amenities Committee to consider mainly the question of (1) making the Ordinary Monthly Meetings more attractive to the members, and (2) making the public rooms of the Society more comfortable and attractive.

The members of the committee are:—

President, General Secretary, Hon. Treasurer (*ex-officio*), The Hon'ble Mr. Justice Edgley, Dr. N. Dutt, Mr. Percy Brown, and Dr. W. G. Griffiths, with power to co-opt additional members.

The General Secretary reported that the Council, since the last Ordinary Monthly Meeting, had decided to keep the Library open daily from 10 a.m. to 7 p.m. (Sundays and gazetted holidays excepted) with effect from 1st March, 1945. This is with the object of affording facility to members to make use of the Society's Library, and the continuance of this arrangement would depend upon the result of this measure after the expiry of the experimental period of three months.

The General Secretary reported for confirmation by the meeting as prescribed in Rule 48(d) that the Council had allowed the continuance of the travelling allowance of Rs.150 per month to be paid to the General Secretary for the current financial year 1945-46. This was confirmed.

The following papers were read:—

1. BIMALA CHURN LAW.—*Early Buddhist Brothers and Sisters.*

Since the publication of the texts of the *Thera* and *Therīgāthā* by Oldenberg and Pischel no scholar more competent than the late lamented Mrs. Rhys Davids has done so much to bring to the forum for discussion the

problem of the Buddhist 'Wayfarers', male and female. The thought-provoking introductions to her *Psalm of the Early Buddhists, Brothers and Sisters* and her last work, *Wayfarer's Words* in three volumes, have served to raise the importance of the study of the lives and activities of the Buddhist *Theras* and *Therīs*.

The writer claims the treatment of the subject entirely as his own. A distinction must be made between the life and career of the Buddha and the history of the collective body of his disciples—the *Sākyaputtiya Samanas*. It is through the history of this recluse order that one can trace the origin and development of Buddhism as an institutional religion. While for the Buddha the inspiring call of 'Come Ye!' was sufficient for ordaining a disciple, it was made incumbent on his followers from the very beginning to observe certain rules as prescribed in initiating and ordaining others. A brief account of how the *Saṅgha* was first formed has been given. The manner in which the lay supporters came in and the popular side of the religion began to develop, has also been indicated.

Although the Buddha often thought that his was no more than the rôle of a pioneer, his personal authority was always behind the entire life movement of the *Saṅgha*, which was theoretically meant to be an autonomous body guided by the principles and ideals of the Doctrine and the Discipline, and not by any person nominated by him. The importance of the *Pātimokkha* Code and the periodical ecclesiastical functions centering round the *Upasatha* ceremony have been dealt with. The traditional numerical strength of the Buddhist monks and nuns up till the time of Aśoka has been recorded. The relative positions of the *Theras* and *Therīs* have been noticed, and it has been shown that the subordinate place assigned to the *Therīs* in ecclesiastical matters did not imply their intellectual or spiritual inferiority. Just as the *Theras*, so the *Therīs* figured among themselves as place-holders. The significance of the lists of place-holders as supplied in the *Etadagga-vagga* of the *Aṅguttara-nikāya* has been fully brought out for the first time.

Finally, it has been sought to establish that although the disciples themselves were not the originators of any new thought, it was the forms in which they had represented the Master's thought that became classical and guided the subsequent Buddhist thought. Incidentally, certain points of discrepancy in the traditions of the early *Theras* and *Therīs* have been carefully noted. On the whole, a critical reader of the paper may expect to get some valuable suggestions as to the correct historical approach to the subject.

2. M. CHAKRAVARTY and A. B. KAR.—*Observations on two reptilian Coccidia.*

This paper contains the descriptions of two species of Coccidians, one of them is a *Caryospora* and the other belongs to the genus *Isospora*. The latter was reported by Setna (1933) as *Isospora* sp., and subsequently described by Bhatia (1938) as *Isospora calotesi*. Bhatia gave a brief description of the endogenous stages without giving any account of the structures of the oöcysts and sporocysts. The reason to assume that the *Isospora* described in this paper is synonymous with *I. calotesi* is that both of them are parasites of the same lizard *Calotes versicolor* (Daudin). Moreover, their endogenous stages show similar structures. The *Caryospora* was, however, obtained from the gut of the lizard *Gekko gekko* (Linn.). Both the lizards were collected from the suburbs of Calcutta.

After the reading of the papers, the following manuscripts belonging to the Society's Library were shown and commented upon:—

- (1) *Brhat Samhitā* of Varāhamihira (I.M. 1046). Country-made paper. Nāgari. *Samvat* 1547/1489 A.D.

This celebrated treatise by Varāhamihira, the great Indian astronomer (c. sixth century A.D.), is important not only for its astronomical deductions but also for copious references to earlier writers on the subject, now known to us only through him. The value of this copy (though fragmentary) lies in its great antiquity. It is expected to contain better readings, and may be utilized for future editions of the work with profit.

- (2) *Tārīkh-i-khānjahānī wa Makhzan-i-Afghānī* (No. 101).

This work forms one of the most important sources for the history of the Afghāns in India. It is as yet unpublished and the important materials contained in it are expected to be of immense value to historians.

Copied in Nastaliq in the eighteenth century A.D.

The following communication was made:—

B. L. WATTS.—*Dependence of the Calcutta Fish Supply on the availability of Ice.*

The Chairman thanked Mr. Watts for his interesting communication.

The Chairman announced the result of the ballot for the election of Ordinary Members and declared that all candidates had been duly elected.



APRIL, 1945

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 2nd, at 5-30 P.M.

PRESENT

DR. MEGHNAD SAHA, D.Sc., F.N.I., F.R.S., F.R.A.S.B., President, in the Chair.

Members :

Agrawal, Mr. B. M.	Dutt, Mr. M. N.
Basu, Mr. Jna.	Edgley, The Hon'ble Mr. Justice N. G. A.
Batia, Mr. C. M.	Haq, Khan Sahib M. M.
Chatterjee, Mr. B. C.	Khaitan, Mr. K. P.
Chatterjee, Mr. P. P.	Khandelwal, Rai Bahadur K. N.
Chatterji, Mr. R.	Nag, Dr. K.
Chowdhury, Mr. A. B. M. S. A.	Slinger, Capt. F. C.
	Culshaw, Rev. W. J.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of 5 presentations of books, etc., received last month for the Society's Library which had been exhibited on the table.

The following candidates were balloted for election as Ordinary Members:—

(129) *May, Thomas George*, Electrical Engineer, Messrs. General Electric Co. (India), Ltd., Chittaranjan Avenue (South), Calcutta.

Proposer: N. G. A. Edgley. Second: K. P. Khaitan.

(130) *Si, Lao Hsin, M.A.*, Lieut.-Col., Joint Administrative Officer, University of Rangoon, Elysium Hotel, Simla.

Proposer: K. Nag. Second: K. M. Asadullah.

(131) *Stewart, Ian*, Colonel, Indian Army, United Service Club, Calcutta.

Proposer: N. G. A. Edgley. Second: W. E. Hodge.

(132) *Mukerji, J. C.*, Medical Practitioner, 22 Park Street, Calcutta.

Proposer: D. Burman. Second: S. K. Saraswati.

(133) *Willis, Reginald Harry*, Company Director, 6 Wellesley Place, Calcutta.

Proposer: N. G. A. Edgley. Second: A. S. M. Akram.

(134) *Sachdeva, Rajendra*, Manager, Messrs. Steel Industries of India, Ltd., 116 Chittaranjan Avenue, Calcutta.

Proposer: Shankar Mukerji. Second: Sir Cyril Fox.

(135) *Ellis, The Hon'ble Mr. Justice Thomas Hobart*, M.A. (Oxon), I.C.S., Additional Judge, High Court; 9 Loudon Court, Calcutta.

Proposer: N. G. A. Edgley. Second: K. C. Das-Gupta.

(136) *Gahan, Patrick Joseph*, Indian Stores Department (retd.), United Service Club, 19 Chowringhee, Calcutta.

Proposer: N. G. A. Edgley. Second: W. E. Hodge.

(137) *Martin, Olavs Macleod*, C.I.E., I.C.S., Commissioner, Post-War Reconstruction, Bengal; United Service Club, Calcutta.

Proposer: N. G. A. Edgley. Second: W. E. Hodge.

(138) *Low, Peter Dunstan*, O.B.E., Chief Electrical Engineer, Bengal and Assam Railway; United Service Club, Calcutta.

Proposer: N. G. A. Edgley. Second: L. R. Fawcus.

(139) *Gentle, The Hon'ble Mr. Justice Frederick William*, Barrister-at-Law, Judge, High Court; 37 Ballygunge Park, Calcutta.

Proposer: N. G. A. Edgley. Second: A. S. M. Akram.

(140) *Chatterjee, Phulla Coomer*, M.A. (Cal.), Solicitor, High Court; 6 Old Post Office Street, Calcutta.

Proposer: Shankar Mukerji. Second: M. Ishaque.

(141) *Budden, Eric Littleton*, Master Pilot, Bengal Pilot Service; United Service Club, Calcutta.

Proposer: N. G. A. Edgley. Second: G. G. Franklin.

(142) *Dunderdale, David Platt*, Solicitor and Notary Public, 26 Dalhousie Square, Calcutta.

Proposer: N. G. A. Edgley. Second: L. R. Fawcus.

(143) *Osborn, Jack Dashwood Breton*, Deputy Transportation Manager, Bengal and Assam Railway; United Service Club, Calcutta.

Proposer: N. G. A. Edgley. Second: L. R. Fawcus.

(144) *Ray, Sudhish Chandra*, M.A., B.L., Ph.D., Barrister-at-Law, Bar Library, High Court, Calcutta.

Proposer: R. C. Ghose. Second: K. P. Khaitan.

(145) *Ray, Mrs. Rita*, Journalist, 2 Beltola Road, Calcutta.

Proposer: S. R. Das. Second: K. P. Khaitan.

(146) *Wheeler, Dr. Robert Eric Mortimer*, Director-General of Archaeology in India, Simla.

Proposer: N. G. A. Edgley. *Seconder*: K. Nag.

(147) *Chakrabarti, Bisweswar*, B.T., Headmaster, A.M. Institute, P.O. and Vill. Dogachi, Dacca.

Proposer: K. M. Asadullah. *Seconder*: P. Brown.

(148) *Muirhead, Alexander Kershaw*, Indian State Railways (retired), Asst. Iron and Steel Controller, 9/1 Middleton Street, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: E. C. Ormond.

(149) *Carpenter, Francis William Alan*, Engineer, Messrs. Bird & Co., Chartered Bank Buildings; 6 Middleton Mansions, Middleton Street, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: E. C. Ormond.

(150) *Foster, Reginald*, O.B.E., Chairman, Messrs. Turner Morrison & Co., Ltd., 6 Lyons Range, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: A. S. M. Akram.

(151) *Montgomery, Alexander Thomson*, C.A., Accountant to Messrs. Balmer Lawrie & Co., Ltd., 103 Clive Street, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: A. S. M. Akram.

(152) *MacGregor, Robert A.*, C.I.E., Chief Metallurgist to the Government of India (retired), 45/A Galstaun Mansions, Calcutta.

Proposer: Sir Cyril Fox. *Seconder*: N. G. A. Edgley.

(153) *Ghatak, Ajit Kumar*, B.A., Managing Director, Calcutta Union Bank, Ltd., 71 Clive Street, Calcutta.

Proposer: Rakhahari Chatterjee. *Seconder*: U. N. Ghoshal.

(154) *Ganguly, Gopaldas*, Accounts Officer in charge, Messrs. Dost Mohamad Estate, Ltd., 25/D Sahanager Road, Kalighat, Calcutta.

Proposer: Rakhahari Chatterjee. *Seconder*: U. N. Ghoshal.

(155) *Ghosh, Probodh Chandra*, Barrister-at-Law, 37 Creek Row, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: T. J. Y. Roxburgh.

(156) *Blagden, Cyprian Claude*, M.A., Publisher, c/o Messrs. Longman Green & Co., Chittaranjan Avenue, Calcutta.

Proposer: A. K. Chanda. *Seconder*: N. G. A. Edgley.

(157) *Khan, Aurelius David*, I.C.S., 20 Loudon Street, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: Sir Cyril Fox.

(158) *Manasseh, Alon*, Director, Messrs. Moran & Co., Ltd., C-5 Clive Buildings, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: A. S. M. Akram.

(159) *Hearn, F. T. H.*, Businessman, 4 Mangoe Lane, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: A. S. M. Akram.

(160) *Mackie, James*, Indian Service of Engineers, United Service Club, Calcutta.

Proposer: L. R. Fawcus. *Seconder*: W. E. Hodge.

(161) *Maitra, B. K.*, Businessman, 50 Ezra Street, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: A. S. M. Akram.

(162) *Born, Henry*, General Secretary, A.V.M. Industry Exhibition, Burmah Shell; 4 Sunny Park, Ballygunge, Calcutta.

Proposer: Percy Brown. *Seconder*: N. G. A. Edgley.

(163) *Kellas, John*, M.A., Principal, Scottish Church College, 4 Cornwallis Square, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: A. S. M. Akram.

(164) *Connell, T.*, Major, Corps of Indian Engineers, Controller of Food Supplies, Bengal and Assam Railway; United Service Club, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: A. S. M. Akram.

(165) *Lambert, Eric Thomas Drummond*, F.R.G.S., F.R.A.I., Indian Police, Shillong, Assam.

Proposer: J. P. Mills. *Seconder*: N. G. A. Edgley.

(166) *Bullivant, Lindsay Frank*, F.R.I.B.A., F.S.A. (Scot.), Officer in H.M.'s Army (Captain, R.E.), 'E' Branch, Advance Headquarters Allied Land Forces, South-East Asia Command.

Proposer: G. H. Mason. *Seconder*: P. P. Chatterjee.

(167) *Basu, Kumud B.*, Coal Mine Owner, Past Chairman, Indian Mining Federation, 7 Judges Court Road, Alipur, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: E. C. Ormond.

(168) *Pecker, Claude Bertram*, Incorporated Accountant, General Manager, Messrs. T. E. Thomson & Co., Ltd., 9-A Esplanade East, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: E. C. Ormond.

(169) *Jhagharia, N. K.*, Businessman, 10/9 Syed Salley Lane, Calcutta.

Proposer: B. B. Chatterjee. *Seconder*: S. B. Bose.

(170) *Swaika, G. V.*, Oilmill Owner, Landholder, etc., c/o Swaika Oil Mills, Pollock House, 28-A Pollock Street, Calcutta.

Proposer: G. A. Dossani. *Seconder*: S. B. Bose.

(171) *Bagaria, Hanumanprasad*, Share & Stock Dealer, 5/1 Royal Exchange Place, Calcutta.

Proposer: G. A. Dossani. *Seconder*: S. B. Bose.

(172) *Ganeriwalla, H. P.*, Businessman, 66 Pathuriaghatta Street, Calcutta.

Proposer: G. A. Dossani. *Seconder*: S. B. Bose.

(173) *Rahman, Mowdudur*, B.A., Barrister-at-Law, Retired Judge, Small Causes Court, Calcutta; 59 Ripon Street, Calcutta.

Proposer: N. A. Khundkar. *Seconder*: N. G. A. Edgley.

(174) *Sen, S. S.*, Rai Bahadur, M.B., D.L.O., F.R.C.S.E., Supply Officer, and Civil Surgeon, with the Government of Burma at Calcutta, 13 Harrington Street, Calcutta.

Proposer: K. Nag. *Seconder*: S. P. Agharkar.

(175) *Abbey, Leslie William*, James Finlay & Co., Ltd., 1 Clive Street, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: S. M. Bose.

(176) *Nicholls, Harry Norman*, Businessman, 12 Dover Park, Ballygunge, Calcutta.

Proposer: T. J. Y. Roxburgh. *Seconder*: N. G. A. Edgley.

(177) *Sopher, Allan Edward*, Stockbroker, 11 Camac Street, Calcutta.

Proposer: T. J. Y. Roxburgh. *Seconder*: N. G. A. Edgley.

(178) *Murphy, William Edward*, Engineer, Director, Messrs. Guest, Keen, Williams, Ltd., 7 Council House Street, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: E. C. Ormond.

(179) *Rostron, Arthur Henry Cunliffe*, Managing Director, Farbridge Multiflier Air Heaters & Dryers, Ltd., 10 Government Place, East, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: E. C. Ormond.

(180) *Nath, Jogendra Chandra*, Imperial Forest Service, Forest Utilization Officer, Bengal (Addl.), 35 Gopalnagar Road, Alipur, Calcutta.

Proposer: W. E. Hodge. *Seconder*: G. G. Franklin.

(181) *Ramsay, Robert Erskine*, Proprietor, Central and South Jemehari Collieries, Mining Engineer, P.O. Siarsol Rajbari, Dt. Burdwan. (27 Alexandra Court, 60/1 Chowringhee, Calcutta.)

Proposer: T. J. Y. Roxburgh. *Seconder*: E. C. Ormond.

(182) *Stewart, F. C. J.*, Businessman, 4 Clive Row, Calcutta.

Proposer: T. J. Y. Roxburgh. *Seconder*: E. C. Ormond.

(183) *Basu, Sikhar Kumar*, M.A., B.L., Barrister-at-Law, 23-1-2 Guruprasad Chaudhury Lane, Calcutta.

Proposer: S. M. Bose. *Seconder*: N. G. A. Edgley.

(184) *Bapat, Shriram Balkrishna*, B.A. (Cantab.), B.Sc. (Bombay), Barrister-at-Law, I.C.S., Joint Secretary, Home Department, Government of Bengal; 2 Lee Road, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: A. S. M. Akram.

(185) *Clark, Ian Archibald*, Partner, Messrs. Anderson Wright & Co., Merchants and Agents, 7 Wellesley Place, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: A. S. M. Akram.

(186) *Haddow, Sir Renwick*, Kt., Partner, Messrs. Mackinnon Mackenzie & Co., Ltd., 16 Strand Road, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: A. S. M. Akram.

(187) *Das, G. S.*, B.A. (London), Professor of History, Ravenshaw College, and Secretary Provincial Museum of Orissa, P.O. Chauliagang, Cuttack.

Proposer: K. Nag. *Seconder*: D. Burman.

(188) *Paget, Cyril Nevil*, Lt.-Col., Barrister; Military Member, Spl. Tribunal, Calcutta; 3 Lansdowne Road, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: P. Brown.

(189) *Jalan, Iswar Das*, M.A., B.L., Attorney-at-Law, M.L.A., Solicitor, 47 Zakaria Street, Calcutta.

Proposer: R. D. Chokhany. *Seconder*: B. M. Agarwal.

(190) *Chaudhuri, Sachindra Nath*, Barrister, 52 Ballygunge Circular Road, Calcutta.

Proposer: S. M. Bose. *Seconder*: K. P. Khaitan.

(191) *Jalan, Radha Krishna*, Rai Bahadur, Merchant, Quinla House, Patna City, Behar.

Proposer: N. G. A. Edgley. *Seconder*: A. S. M. Akram.

(192) *Palmer, W. J.*, I.C.S., Chief Presidency Magistrate, United Service Club, Calcutta.

Proposer: P. Brown. *Seconder*: N. G. A. Edgley.

(193) *Warren, Patrick Francis Sutherland*, Engineer, Managing Director and Chairman of Messrs. Jessop & Co., Ltd., 93 Clive Street, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: A. S. M. Akram.

(194) *Hopkinson, Arthur John*, Indian Civil Service, Residency, Gangtok, Sikkim.

Proposer: N. G. A. Edgley. *Seconder*: S. L. Hora.

(195) *Mukherji, Bijay Bihari*, Rai Bahadur, Advocate, High Court (Director of Land Records and Surveys, Bengal, ret'd.), 4 Gokhale Road, P.O. Elgin Road, Calcutta.

Proposer: D. Burman. *Seconder*: K. Nag.

(196) *George, Frank*, Lt.-Col., Indian Civil Service, Adv. H.Q. Allied Land Forces, S.E.A.C.

Proposer: W. D. West. *Seconder*: P. Brown.

(197) *McFarlane, Philip George*, Master Pilot, Bengal Pilot Service, United Service Club, Calcutta.

Proposer: G. G. Franklin. *Seconder*: T. H. Pell.

(198) *Lath, Babulal*, Merchant, 48 Cross Street, Calcutta.

Proposer: A. F. M. Abdul Ali. Second: M. M. Haq.

(199) *Llewellyn, John Lister*, M.A., O.B.E., I.C.S., Magistrate's House, Alipore, Calcutta.

Proposer: N. G. A. Edgley. Second: A. S. M. Akram.

(200) *Footitt, R. L. C.*, Assistant, Burmah Shell, Hongkong House, Calcutta.

Proposer: P. Brown. Second: K. Nag.

(201) *Chokhany, Mohan Lal*, Merchant, 27 Baranashi Ghose Street, Calcutta.

Proposer: M. L. Schroff. Second: N. G. A. Edgley.

(202) *Dugar, Sohanlal*, Merchant, 40 Lansdowne Road, Calcutta.

Proposer: R. D. Chokhany. Second: C. M. Batia.

The General Secretary reported the following loss of membership, since the last meeting, by resignation:—

(1) Mrs. Margit Stein (An Ordinary Member, 1945).

(2) Mr. Ghulam Yazdani (An Ordinary Member, 1919 and Fellow, 1933).

(3) Lord Catto of Cairncatto (An Ordinary Member, 1936).

The General Secretary reported that the election of:—

(3) Mr. C. G. Hopkins (elected on 4-12-44)

(4) Mr. K. M. Kaiser (elected on 4-12-44)

(5) Mr. S. C. Chakraborty (elected on 4-12-44)

(6) Mr. R. N. Dutt (elected on 4-12-44)

(7) Mr. Geoffrey Maiden (elected on 4-12-44)

had become null and void under Rule 9.

The following papers were read:—

1. N. M. CHAUDHURI.—*The Cult of Vana-Durgā.*

In this paper a number of closely allied cults prevailing in different parts of Bengal and Assam are examined. It has been noticed that while the tree deities worshipped are given independent names, the tree selected for worship as representing the deities is always the *Tropis aspera* (Sheora) associated in folklore with unredeemed spirits of the dead females. It is observed that the devotees are married women who are mothers and the object of worship is protection and welfare of children. It has also been found on analysis that these allied cults represent one widespread cult of mixed origin with elements derived from tribal demonolatry, epic tradition and old tree-worship associated with fertility conceptions. These points are discussed with appropriate illustrations. Difference between these cults and the cult of Śaṣṭhī, the goddess of childbirth, is indicated. In conclusion, attention is drawn to the tendency, which the formulae of worship in some of the instances reveal, to affiliate folk deities of humble origin to the great Devi for the purpose of raising their status and prestige—a tendency, in other words, to Brahminize deities of non-Brahminical and even of tribal origin.

2. G. N. ROERICH.—*Kun-mkhyen Chos-kyi Hod-zer and the Origin of the Mongol Alphabet.*

The Mongol script is based on that of the Uighur Turks, and the Uighur writing itself is an adaptation of the Syrian alphabet, which is a cousin to the Arabic script and a derivative of the ancient Phoenician. Contact

with the Uighurs from the ninth century A.D. made the Mongols come under cultural influence, and early in the thirteenth century A.D. the Mongols took up the Uighur script for their language which had hitherto remained unwritten. In the adaptation of the Uighur alphabet for the Mongol language, the Mongol princes took the initiative, the alphabet being first employed for the language in the State offices. From the second half of the thirteenth century, Tibetan Buddhism (Lamaism) began to influence Mongol life, and under Tibetan auspices, translation of Buddhist texts began to be made into Mongol; and ultimately the Mongols accepted Tibetan Buddhism. Two scholars from Tibet, Kun-dgah Rgyal-mtshan (1182-1251) and Chos-Kyi Hod-zer (about whose *floruit* there is difference of opinion), perfected the Mongol alphabet and made it suitable for translating Buddhist texts. The author takes up the study of the life and work of Chos-Kyi Hod-zer from Tibetan and Mongol (and Chinese) sources, and according to him Chos-Kyi Hod-zer flourished in the beginning of the fourteenth century. This article embodies the author's enquiries, and is the first exhaustive study of the medieval Central Asian scholar and celebrity in a European language.

The following exhibit was shown and commented upon:—

1. M. M. HAQ.—*An Album of valuable Specimens of Muslim Calligraphy, belonging to the collection of Rai Bahadur Radha Krishna Jalan of Patna.*

This Album (21 folios) contains, among others, very fine specimens of *Ta'liq*, *Shafi'ā*, *Daftari* and *Shikasta* styles of calligraphy, besides two *farmāns*, dated 943/1536 and 948/1541 (the latter issued by Prince Kāmran). The *Ta'liq* specimen is of the famous Ikhtiyār (dated 948/1541) and there are two specimens of *Shafi'ā* from the pen of its inventor. Almost all the best-known *Shikasta* calligraphists are represented in this Album—Ashraf Khān and Mirzā Muḥammad Husayn, the famous calligraphists of Akbar; M. 'Abdullāh, entitled Darāyat Khān, the court calligraphist of Shāhjahān and Aurangzib; and Muḥammad Bāqir, M. Muḥsin, M. Ja'far (dated 1049/1640), Shaykh Mahmūd, M. Kāzīm, Sayyid 'Alī Ṭabātabā'i (dated 1078/1667) and Sayyid Hāshim.

The following communication was made:—

1. KALIDAS NAG.—*A note concerning the work 'Mahavyutpatti' by A. Csoma de Kőrös, recently completed and published by the Society in the 'Memoirs' series (Vol. IV, Part III).*

(The original manuscript of Csoma de Kőrös was also exhibited.)

The Chairman announced the result of the ballot for the election of Ordinary Members and declared that all the candidates had been duly elected.



MAY, 1945

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 7th, at 5-30 P.M.

PRESENT

L. R. FAWCUS, Esq., C.I.E., I.C.S., Member of Council, in the Chair.

Members :

Batia, Mr. C.	Hora, Dr. S. L.
Bhattacharji, Mrs. S.	Holmes, Mr. C. H.
Chatterjee, Mr. P. P.	Khaitan, Mr. K. P.
Ghani, Mr. O.	Khaitan, Mrs.
Griffiths, Dr. W. G.	Nicholls, Mr. H. A.
Haq, Khan Sahib, M. M.	Stark, Mr. A. F.

There were also 32 visitors present.

The minutes of the last meeting were read and confirmed.

The General Secretary announced receipt of 6 presentations of books, etc., received for the Library last month, which had been exhibited on the table.

The following candidates were balloted for election as Ordinary Members:—

(203) *Bradshaw, Eric Jean*, B.A., B.A.I., F.G.S., Superintending Geologist, Geological Survey of India, 27 Chowringhee, Calcutta.

Proposer: W. D. West. *Seconder:* N. G. A. Edgley.

(204) *Ajmera, Ranchordas*, Merchant, 22 Canning Street, Calcutta.

Proposer: R. D. Chokhany. *Seconder:* K. Nag.

(205) *Hill, Kenneth Arthur Lulham*, M.A. (Cantab.), I.C.S., Magistrate's House, Howrah.

Proposer: N. G. A. Edgley. *Seconder:* L. R. Fawcus.

(206) *Bhattacharjee, Sachindra Mohan*, Banker and Insuranceman, P. 4 Ekdalia Road, Ballygunge, Calcutta.

Proposer: P. C. Chatterjee. *Seconder:* D. Burman.

(207) *Ray, Kiran Sankar*, Barrister-at-Law, M.L.A., Zemindar, 44 European Asylum Lane, Calcutta.

Proposer: P. C. Chatterjee. *Seconder:* D. Burman.

(208) *Bensly, Harold Foster*, Solicitor, Messrs. Sandersons & Morgans, 26 Dalhousie Square, Calcutta.

Proposer: N. G. A. Edgley. *Seconder:* W. E. Hodge.

(209) *Lacombe, Olivier*, Professor 'agrégé' of Philosophy, D.Litt. (Paris), Cultural attaché to French Consulate General, Great Eastern Hotel, Calcutta.

Proposer: K. Nag. *Seconder:* M. N. Saha.

(210) *Euthymopulo, George*, Manager, Messrs. Ralli Bros. Ltd., 16 Hare Street, Calcutta.

Proposer: N. G. A. Edgley. *Seconder:* M. Z. Siddiqi.

(211) *Kashani, Mohd. Hasson*, Merchant, 21 Old Court House Street, Calcutta.

Proposer: K. P. Khaitan. *Seconder:* M. Isaque.

(212) *Ganguli, Anil Chandra*, Barrister-at-Law, 47/2 Gariahat Road, Calcutta.

Proposer: K. P. Khaitan. *Seconder:* M. Z. Siddiqi.

(213) *Nimmo, Thomas Bryce*, M.L.C., Merchant, Duncan Brothers & Co., Ltd., 101 Clive Street, Calcutta.

Proposer: N. G. A. Edgley. *Second*: M. Z. Siddiqi.

(214) *Archer, W. G.*, I.C.S., Deputy Commissioner, Santal Parganas, Dumka.

Proposer: W. J. Culshaw. *Second*: K. Nag.

(215) *Jalan, Nand Kishore*, Merchant, 26 Amherst Street, Calcutta.

Proposer: K. P. Khaitan. *Second*: R. D. Chokhany.

(216) *Saraogi, Kishori Lal*, Visharad, Exchange Broker, c/o Lakhinarain Misra & Co., 6 Clive Street, Calcutta.

Proposer: K. P. Khaitan. *Second*: R. D. Chokhany.

(217) *Finch, Lancelot Chief*, Additional Deputy Commissioner of Police, Security Control Office, 3/1 Pretoria Street, Calcutta.

Proposer: E. O. B. Cowen. *Second*: M. Z. Siddiqi.

(218) *Chakraverti, Shrish Chandra*, Solicitor, High Court, and Member, Bengal Legislative Council, 2 Marquis Street, Calcutta.

Proposer: M. Z. Siddiqi. *Second*: M. Ishaque.

The General Secretary reported that an application for Institutional membership had been received from 'Prachya Kala Niketan', Jaipur, which had been accepted by the Council.

The General Secretary reported that the election of:—

(8) Subodh Chandra Bose (elected on 1-1-45)

had become null and void under Rule 9.

The General Secretary reported that Mr. P. G. Macfarlane (elected on 2-4-45) had withdrawn his application for membership on account of his impending departure from India.

The General Secretary reported receipt of a gift of Rs.6,000 to the Society from Dr. Bimala Churn Law, a Member of Council and Historical and Archaeological Secretary, for starting a collection of books in the Library to be named after him. He had also offered to bear the cost of purchasing the necessary steel almirahs for housing the books. These gifts had been accepted by the Council, who had conveyed their thanks to the donor.

In accordance with Rule 48(a) the General Secretary reported that the Council, since the last Ordinary Monthly Meeting, had made certain changes in the Regulations regarding the Library. They were as follows:—

Reg. No. 7—Instead of *Periodicals unbound Journals in numbers shall be returned after the expiration of one week*, and Reg. No. 10.—Instead of *No member shall be permitted to have 10 sets of books from the Library in his possession without the special permission of the General Secretary*, substitute: *No member shall be permitted to have more than 3 books or 6 volumes at any one time without the special permission of the General Secretary.*

Reg. No. 12—Instead of *Except with the special sanction of the Council members shall not be permitted to keep books, etc., borrowed from the Library for more than 3 months*, substitute: *Except with the special sanction of the Council members shall not be permitted to keep books, etc., borrowed from the Library for more than three months and in no case shall the borrower be permitted to retain the books for more than one month thereafter.*

These amendments were confirmed.

The following two papers of Dr. Siddheswar Varma were taken as read:—

1. SIDDHESWAR VARMA.—*Indian Dialects in phonetic transcription.*

Bhadarwāhī, Bhālesī and Khasāli, spoken in the territories of Jammu and Kashmir, are neighbouring dialects. In this paper, the author has given a comparative study of these three dialects from the standpoint of phonetics.

2. SIDDHESWAR VARMA.—*The Elative Case in Bhadarwāhī.*

The occurrence of the Elative case in Bhadarwāhī was first noticed by the author of this paper, and communicated through the Linguistic Society of India. He has now collected further data on the subject during his later Himalayan linguistic expedition. The present paper contains his recent research in the subject. He has shown that the Elative case occurs both in Bhadarwāhī and Bhālesī.

The Chairman requested Mr. J. L. Bhaduri to give a gist of the following two papers whose authors were not present:—

3. H. C. RAY.—*Descriptions of some unnamed shells of Cypraeacea.*

This paper deals mainly with some specimens of cowries (Cypraeacea) which were collected from the Arabian Sea, Bay of Bengal and Andaman Sea. The author has sought to identify them in this paper.

4. S. NATARAJ.—*On two new species of Solenocera Crustacea Decapoda (Penaeidae) with notes on Solenocera Pectinata (Spence Bate).*

The author gives an account of three species of Solenocera in this paper. He claims that two of these are new to science, while the recorded geographical distribution of the third has been very considerably extended.

At the conclusion of the reading of papers, the Chairman called upon Dr. S. L. Hora, D.Sc., Director of Fisheries, Bengal, to open a discussion on 'Development of Sunderban Fisheries' and requested the audience to take part in it.

The Chairman, after thanking the speakers, announced the result of the ballot for the election of Ordinary Members and declared that all the candidates had been duly elected.



JUNE, 1945

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 4th, at 5-30 P.M.

PRESENT

RAI BAHADUR BIJAY BIHARI MUKHERJEE, an Ordinary Member, in the Chair.

(Subsequently Dr. M. N. Saha, F.R.S., President, in the Chair.)

Members :

Agrawal, Mr. B. M.	Ghani, Mr. O.
Batia, Mr. C. M.	Ghosh, Mr. S.
Burman, Mr. D.	Khaitan, Mr. K. P.
Chatterjee, Mr. P. P.	Khaitan, Mrs.
Chowdhury, Mr. A. B. M. S. A.	Nag, Dr. K.
De, Mr. J. C.	Saraswati, Mr. S. K.
	Siddiqi, Dr. M. Z.

There were also 21 visitors present.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of 10 presentations of books, etc., received last month, which had been exhibited on the table.

The following candidates were balloted for election as Ordinary Members:—

(219) *Sharma, Beni Shanker*, B.L., Pleader, 228A Chittaranjan Avenue, Calcutta.
Proposer: B. M. Agrawal. *Seconder:* M. L. Khemka.

(220) *Narhar, Natu Prabhakar*, Captain, Indian Army, 554 Coy. R.A.S.C. (TK. TPTR), c/o 12 A.B.P.O., India.
Proposer: S. L. Hora. *Seconder:* K. P. Khaitan.

(221) *Sholto Douglas, James Eric Wilfrid Hamilton*, R.A.F., Ackworth Grange, Near Pontefract, Yorkshire, England.
Proposer: S. L. Hora. *Seconder:* K. P. Khaitan.

(222) *Hope, Charles Adrian*, Lieut., R.A., Probationer, R.I.B.A., 12 Ind. L.A.A. Regt. I.A., 12 A.B.P.O. (23 Ann Street, Edinburgh, 4).
Proposer: Peter Claque. *Seconder:* K. Nag.

(223) *Bagchee, Krishnadas*, D.Sc. (Lond.), F.N.I., Forest Botanist and Mycologist, Forest Research Institute and College, New Forest, Dehra Dun, U.P.
Proposer: K. P. Chattopadhyay. *Seconder:* S. L. Hora.

(224) *Bhattacharyya, Dinesh Chandra*, M.A., Professor of Sanskrit, Hooghly Mohsin College, P.O. Chinsura, Hooghly.
Proposer: K. Nag. *Seconder:* M. N. Saha.

(225) *Ghose, Kshetrapal Das*, M.A. (Oxon), Educationist, Now Liaison Officer, Home (Defence) Department, 30 Mahanirvan Road, Calcutta.
Proposer: L. R. Fawcus. *Seconder:* R. C. Majumdar.

(226) *Ahmad Nazir*, M.Sc. (Hons.), Ph.D., Superintendent of Fisheries, Bengal, 13 Ballygunge Circular Road, Calcutta.
Proposer: S. L. Hora. *Seconder:* K. P. Khaitan.

(227) *Mahapatra, Kedarnath*, B.A. (Hons.), Dip-in-Ed., Archaeologist, Press Publicity Officer, Kalahandi State, P.O. Bhawanipatna, E.S. Agency.
Proposer: K. Nag. *Seconder:* M. Z. Siddiqi.

(228) *Saraf, Chouth Mal*, B.Com., B.L., Advocate, 62 Nalini Sett Road, Calcutta.
Proposer: K. P. Khaitan. *Seconder:* B. M. Agrawal.

(229) *Watt, Joseph Herbert Saltmarsh*, Major, B.Sc., R.A.O.C., Army Officer, Ordnance Depot, Bhavnagar.
Proposer: K. Nag. *Seconder:* M. Z. Siddiqi.

(230) *Job, Thitapilli Joseph*, D.Sc., Deputy Director of Fisheries, Madras, Kilpauk, Madras.
Proposer: S. L. Hora. *Seconder:* K. P. Khaitan.

(231) *Bhartia, Mahabir Prasad*, Merchant, Director of Indian Ice & Cold Storage Co., Ltd., International Industries Ltd., 12 Kalakar Street, P.O. Burrabazar, Calcutta.
Proposer: K. P. Khaitan. *Seconder:* K. Nag.

(232) *Khaitan, Bhagwati Prasad*, Attorney at Law and Notary Public, c/o Messrs. Khaitan & Co., 1-B Old Post Office Street, Calcutta.

Proposer: K. P. Khaitan. Seconder: K. Nag.

(233) *Tharad, Basdeo*, B.A., Businessman, 4 Kalikrishna Tagore Street, Calcutta.

Proposer: B. M. Agrawal. Seconder: M. Z. Siddiqi.

(234) *Poddar, Bal Krishna*, Stock and Share Broker, 7 Swallow Lane (P.O. Box 12), Calcutta.

Proposer: R. D. Chokhany. Seconder: K. P. Khaitan.

(235) *Mitra, S. K.*, D.Sc., Professor of Physics, 92 Upper Circular Road, Calcutta.

Proposer: M. N. Saha. Seconder: K. Nag.

The General Secretary reported the following loss of membership since the last meeting, by resignation:—

(4) J. B. Grant (An Ordinary Member, 1941).

The General Secretary reported that the election of:—

(9) S. S. Hussain (elected on 5-2-45)

(10) S. M. Maroof (elected on 5-2-45)

had become null and void under Rule 9.

The General Secretary reported the following withdrawal of application:—

(2) P. C. Sen (elected on 5-2-45).

The following papers were read:—

1. SIDDHESWAR VARMA.—*The Bhalesi Dialect.*

This is a work of a pioneer character and of very great value in a little-known dialect of Kashmir. It has great philological importance. It belongs to the Dardic group of Indo-Aryan of which Kashmir is a member. This monograph embodies detailed and first-hand investigation of the very interesting but little-known Bhalesi dialect. Sir George Grierson could not do proper justice to this dialect, in the great Linguistic Survey of India, for want of materials which have now been supplied by Dr. Varma.

2. S. N. SAPRE.—*On Balantidium Macacae n. sp. from the Coecum of the Indian Monkey, Macaca Mulatta (Zimm.).*

A study on two specimens of *Macaca mulatta* (Zimm.), has been made by the author. The coecal contents of both the monkeys harboured a species of *Iodamoeba* morphologically indistinguishable from *I. butschlii*, and a species of *Balantidium*. The results of observations have been recorded in this paper.

The Chairman announced the result of the ballot for the election of Ordinary Members and declared all the candidates had been duly elected.

The President called upon Dr. L. C. Sikka, Special Officer, Department of Agriculture, Govt. of Bengal, to open a Discussion on 'Milk Supply in Calcutta'.

At the conclusion, the President thanked Dr. Sikka for his interesting lecture on behalf of the Society.



JULY, 1945

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 2nd, at 5-30 P.M.

PRESENT

DR. S. L. HORA, D.Sc., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B., Natural History Secretary (Biology), in the Chair.

Members :

Agrawal, Mr. B. M.
Bhulwala, Mr. D.
Biswas, Dr. K.
Chatterjee, Mr. P. P.
Culshaw, Rev. W. J.
Ghuznavi, Mr. I. S. K.

Griffiths, Dr. W. G.
Haq, Khan Sahib M. M.
Hobbs, Major H.
Nag, Dr. K.
Stark, Mr. A. F.
Tharad, Mr. B.

There were also 11 visitors present.

The minutes of the last meeting were read and confirmed.

The General Secretary announced receipt of 7 presentations of books, etc., received last month, which had been exhibited on the table.

The following candidates were balloted for election as Ordinary Members:—

(236) Cook, Noël Arthur Milton, Structural Engineer, c/o Messrs. Jessop & Co., Ltd., 93 Clive Street, Calcutta.

Proposer: K. P. Khaitan, Seconder: B. B. Mukherji.

(237) Nisser, Arthur Raymond, E.E. Hons. (U.S.A.), D.I.C. (London), Consulting Electrical Engineer, Y.M.C.A. Building, 25 Chowringhee, Calcutta.

Proposer: B. B. Mukherji. Seconder: Chintaharan Chakravarti.

(238) West, Donald John Ingram, B.A. (Cantab.), Holmgarth, Trafalgar Rd., Scarborough, England, c/o Messrs. Grindlay & Co., Ltd., Bombay.

Proposer: B. B. Mukherji. Seconder: Chintaharan Chakravarti.

(239) Watson, Francis Leslie, Director, Research and Reference Division I. and B. Department, Government of India, Secretariat, Civil Lines, Delhi.

Proposer: B. B. Mukherji. Seconder: Chintaharan Chakravarti.

(240) Bhadra, Woopendra Chandra, Agent, The Pioneer Bank, Ltd., and Landholder, Sylhet, Assam

Proposer: K. Nag. Seconder: B. B. Mukherji.

(241) Chakravarti, J. S. Narasimhacharya, B.A. (Punjab), LL.B. (Allahabad), Vakil, Dindigul (S.I.Rly.), Madras Presy., Madura Dt.

Proposer: Chintaharan Chakravarti. Seconder: K. Nag.

(242) Chick, Rev. H. Hector, Methodist Missionary, 14/2 Sudder Street, Calcutta.

Proposer: K. Nag. Seconder: A. B. M. S. Alam Chowdhury.

(243) Badley, Rt. Rev. Brenton Thoburn, M.A., LL.D., D.D., Bishop of the (American) Methodist Church, Mission Compound, Mirzapur, U.P.

Proposer: Rt. Rev. J. W. Pickett. Seconder: W. G. Griffiths.

(244) Newatia, Radhakishan, Merchant, 185 Harrison Road, Calcutta.

Proposer: B. M. Agrawal. Seconder: B. Tharad.

The General Secretary reported the following loss of membership, since the last meeting, by resignation:

- (5) Prabhamayi Devi (An Ordinary Member, 1944).

The General Secretary reported that the elections of:—

- (11) Mr. M. N. Sen (elected on 5-3-45)
- (12) Mr. S. G. Taylor (elected on 5-3-45)
- (13) Mr. Gurupada Kar (elected on 5-3-45)
- (14) Mr. Pravas Ch. Basu (elected on 5-3-45)
- (15) Mr. Sethia Dalimchand (elected on 5-3-45)
- (16) Mr. T. C. Goswami (elected on 5-3-45)

had become null and void, under Rule 9.

The General Secretary reported that

- (2) Asoke Kumar Sen (elected on 5-3-45)

had withdrawn his application for membership.

The General Secretary reported the following loss of membership since the previous meeting, by death:—

- (1) Shah Kalimur Rahman (An Ordinary Member, 1930).
- (2) S. W. Kemp, F.R.S. (A Life Member, 1910; Fellow, 1930).

The Chairman called upon Prof. M. M. Haq and Dr. S. L. Hora to make some observations on the life and work of the late Prof. Kalimur Rahman and Dr. S. W. Kemp respectively. This was done.

A vote of condolence was passed on the demise of these distinguished members of the Society, all present standing.

The following communication was made:—

1. THE REV. W. J. CULSHAW.—*The earliest published Records concerning the Santals.*

The earliest printed record about the Santals would appear to be found in some of the early Annual Reports of the *Free Will Baptist Missionary Society* of America. Extracts are given from three Reports, the earliest relating to the year 1838. The information contained on the religion and the language of the Santals is not reliable,—the specimen of the verb showing evidence perhaps of faulty manuscripts reading in America where the Reports were printed. There are, however, interesting references to the dwellings of the Santals, and their appearance; to their dancing and the position of women; and to their attitude to other peoples. The Rev. Jeremiah Phillips, to whom most of the information is due, was a pioneer in the study of Santal life and language, and much of the information contained in such a well-known work as Hunter's *Annals of Rural Bengal* can be traced to him.

The Chairman announced the result of the ballot for the election of Ordinary Members and declared that all the candidates had been duly elected.

The Chairman called upon Dr. A. C. Ukil to open a discussion on 'Food Problems in Bengal' and invited the audience to take part in it.

The Chairman thanked Dr. Ukil on behalf of the Society.



AUGUST, 1945

A SPECIAL GENERAL MEETING of the Royal Asiatic Society of Bengal was held on Monday, the 6th, at 5.30 P.M., in connection with the presentation to the Society of the manuscript letters of Sir Joseph Banks by the Patron, H.E. The Governor of Bengal, the Right Hon'ble Mr. R. G. Casey, E.H., D.S.O., M.C., on behalf of the Royal Society of London.

PRESENT

HIS EXCELLENCY THE RIGHT HON'BLE MR. R. G. CASEY, Governor of Bengal, *Patron* (in the Chair).

Prof. Meghnad Saha, D.Sc., F.R.S., President.

Members :

Agharkar, Dr. S. P.
Agrawal, Mr. B. M.
Akbar, Mr. M.
Asadullah, Khan Bahadur K. M.
Basu, Mr. Jna.
Benthall, Mr. A. P.
Biswas, Dr. K. P.
Chatterji, Mr. P. C.
Culshaw, Rev. W. J.
Dutt, Dr. N.
Fawcus, Mr. L. R.
Fox, Sir Cyril S.
Ghuznavi, Mr. I. S. K.
Goenka, Mr. B.

Griffiths, Dr. W. G.
Haq, Khan Sahib M. M.
Hora, Dr. S. L.
Ishaque, Dr. M.
Jalan, Mr. R. K.
Khaitan, Mr. K. P.
Lort-Wilhams, Sir John
Majumdar, Mr. I.
Majumdar, Dr. R. C.
Mukherjee, Dr. J. N.
Nag, Dr. K.
Pal, Dr. R. B.
Sarkar, Sir Jadunath
Siddiqi, Dr. M. Z.

Visitors :

Khan, Mr. N. M.

Mukherjee, Mr. N. D.

Sircar, Mr. D. N.

The President, in requesting the Patron to occupy the Chair, said:—

‘Your Excellency,

‘It is our special privilege and pleasure to welcome you in our midst as a Patron of the Society. The special mission which you have taken upon yourself of presenting on behalf of the Royal Society of London certain manuscripts of Sir Joseph Banks recalls to our mind incidents connected with the foundation of this Society.

‘The members of the Society are probably aware that Sir Joseph Banks was an eminent Botanist who was selected to accompany the celebrated Capt. Cook when the latter was commissioned by the Royal Society to observe the transit of Venus in the Tahiti islands in 1769, and also as part of the programme to look for undiscovered lands in the Southern Seas. This purely scientific expedition led to very thorough exploration of the Eastern Coast of the Southern Continent and led to its eventual settlement as the colony of Australia. Sir Joseph Banks made a thorough botanical survey of the flora of the New Continent and after his return rose to be the President of the Royal Society and had the rare distinction of filling up this post for nearly half a century (1782–1820). In 1784, the Asiatic Society was founded by Sir William Jones with the primary purpose of organizing the scientific study of Eastern languages, but he was also interested in the study of the diverse botanical specimens of Eastern India. In 1786, two years after the foundation of the Royal Asiatic Society, Col. Robert Kyd of the Bengal Infantry, who was a keen horticulturist, proposed to the East

India Company the foundation of a botanical garden at Sibpur for studying the economic plants of India and the East Indies. His suggestions were at once accepted and the Botanical Gardens were founded in 1787 with Col. Kyd as the first Superintendent in charge. At the same time Sir William Jones aspired to complete a treatise on Indian Botany and even published some preliminary papers giving scientific equivalents to the Latin terminology prevailing in the standard botanical works of those days.'

'The letters of Sir Joseph Banks probably refer to his schemes of collaboration with the early organizers of the East India Company's Garden, which after 1857 developed into the Royal Botanical Gardens of Sibpur, because it was the practice with the Govt. of India to consult the Royal Society on all matters concerning science in India.'

'It is a very kind act on the part of the Royal Society to send us the valuable unpublished letters of Sir Joseph Banks which will surely throw light on the incidents connected with the above affairs and would enrich our own historical collections on the eve of the celebration of the Bicentenary of the birth of our Founder. Our connections with the Royal Society have been at times quite intimate. Sometime back, the Royal Society subsidized the preparation through us of the International Catalogue of Scientific Literature. Only about a couple of years ago we had the good fortune of receiving in our midst the eminent scientist, Prof. A. V. Hill, who, in his capacity as Secretary to the Royal Society, delivered a memorable address in a special meeting commemorating the 160th Anniversary of our foundation.'

'While receiving with gratitude the letters of Sir Joseph Banks we beg to request Your Excellency as our Patron to convey to the President and members of the Royal Society our profound thanks for their symbolical gift, which we shall treasure in the archives of our Society.'

'Permit me in this connection to invite Your Excellency's attention to a brief record of the cultural activities of our Society. Founded as early as 1784 A.D. its services to the cause of Indian Archaeology, Geography, Ethnography, Ancient History, Oriental languages and literature, etc., are too well known to be described. For long years, it has advised the Government of India on matters of scientific and cultural interest and it was mainly at the initiative of this Society that the different scientific surveys were started; Indian Trigonometrical Survey in 1818; Geological Survey of India in 1840; Indian Meteorological Department in 1875; Botanical Survey of India in 1912; Zoological Survey of India in 1916. The Society first started a museum as early as the year 1814 and the Indian Museum, Calcutta, grew out of the Society's valuable collections of Geology, Zoology, Natural History and Archaeology. The Society's collection of rare coins have also been transferred to the Indian Museum and they have been catalogued by eminent numismatists like the late Dr. V. A. Smith of Oxford and Col. Nelson Wright. In the domain of Epigraphy, sources of the very rare inscriptions relating to the history and administration of ancient Bengal could be found among the collection of our copper-plates, which we shall have the privilege of showing Your Excellency. One of these plates was recently traced in the archives of the India Office and has been returned to us and has been very ably and thoroughly edited by our learned colleague, Dr. N. K. Bhattasali.'

'We have also a rare collection of manuscripts which we have the honour of holding in trust for over a century and the preservation and utilization of these manuscripts have caused considerable misery to us. The total strength of our MSS. in the Sanskrit languages is about 27,000

representing a variety of subjects, such as literature from the Vedic times, philosophy, law, grammar, history, geography, astronomy, mathematics, art, architecture, medicine, theology and religion, etc. In the Islamic section we have over 6,000 MSS. on equally diversified subjects and some of the MSS. formed part of the rich collection of the Mughal Emperors whose autographs they bear. It is no good merely storing valuable MSS. in godowns; to do full justice to the treasures of the library, the Society must be enabled to develop a well co-ordinated plan of research into the contents of these MSS. and arrange for their publication by enlisting the services of a number of competent scholars. We have already submitted schemes to the Government of India to give us financial aid on some of our projects.'

'The schemes contemplated the foundation of a number of research scholarships both for Sanskrit as well as for Islamic subjects, and in history and archaeology. These post-graduate research scholars should be attached to the distinguished Members and Fellows of our Society, like Sir Jadunath Sarkar, the historian of Mughal Emperors, who in spite of advanced age, is as active in his scholarly labours as in his youth; Dr. R. C. Majumdar, who finished last year his monumental history of pre-Muhammedan Bengal; Dr. Suniti Kumar Chatterji, who has made an unrivalled scientific study of the vernacular languages of India; and Prof. P. C. Sen Gupta, who has enriched our proceedings with his deep studies of ancient Indian Astronomy. All these scholars are willing to take upon themselves onerous tasks of guiding young scholars, if they are placed under their care.'

'This, I hope, Your Excellency, in the capacity of Patron of this Society, would recommend to your Government with your kind sympathy and support, and we expect to have the pleasure of getting, not only the financial aid for the maintenance of a group of young scholars trained in objective research, but also the necessary assistance in the conservation of these valuable materials for reconstruction of the history and civilization of India and generally in the cultural and scientific activities of the Society.'

In presenting the manuscript, His Excellency said:—

'It is a great pleasure to meet you again today and to present to you on behalf of the Royal Society, these letters largely written by Sir Joseph Banks in connection with the foundation of the East India Company's Botanical Garden at Sibpore.'

'The correspondence covers the period 1786 to 1805. It deals with the arrangements for the foundation of the Garden at Sibpore largely as a means of introducing into Bengal and acclimatizing food and medicinal plants, fruits, spices and timbers from other tropical areas of the world from Malaya to the West Indies for the purpose of diversifying the indigenous productions and perhaps in particular for introducing new and quick growing food crops to guard against the recurring possibilities of famine, which even in those remote days were apparently a periodic anxiety.'

'These letters, as you no doubt know, were presented in London late in 1944 by the President of the Royal Society to your own distinguished President, Dr. Meghnad Saha, himself on a Scientific Mission to England.'

'The letters are clear and as easy to read as if they had been written yesterday and cover the whole period of the formation of the Royal Botanic Gardens.'

'The opening letter from Lt.-Col. Kyd has an interesting significance at this time by reason of its reference to the necessity for the establishment of public granaries for the storage of food grains, and to famine prevention measures which apparently occupied the minds of the administrators of India as a result of a recent famine as it occupies the minds of the present

day Government of Bengal as a result of the disastrous famine of two years ago.'

'I notice also that the possibility of the introduction into Bengal of the sago palm from Malay was discussed before 1800. I realize that sago is an important foodstuff in South Western India—but I am without knowledge as to whether it was ever introduced into Bengal in any considerable way—nor do I know whether or not it may still have possibilities here.'

'You will notice, I believe, with interest, the very early reference to tea, in one of these papers dated 1790.'

'As you will readily appreciate, these old letters, by reason of their connection with Sir Joseph Banks, have the greatest interest for me. The name of Banks is a well remembered one in Australia, through his work on the cruise of the *Endeavour* in Australian waters shortly before these letters were written. I have, in Australia, several copies of the original edition of Cook's Voyages, in which the name and activities of Banks is prominent.'

'I am unfortunately no botanist, but I realize very well the keen insight and enquiring mind that he brought to bear on his own subject together with the businesslike approach to practical problems that these letters display.'

'In the very early 1800's, another link between Bengal and Australia was forged, by the introduction into Australia of sheep from Bengal, a flock of Bengal ewes, which I gather, were probably Tibetan sheep that had been introduced some time before into what is now Bihar,—and which appear to have formed the early basis of the pastoral industry in Australia, although the Bengal strain was to be later overlain by merino sheep from England and Spain.'

'I trust that an even closer co-operation between India and Australia may be attained in future. This closer co-operation would be a natural result of the geographical positions of our two countries. I am constantly aware of the necessity for closer trade and cultural relations between Australia and India. A Society such as yours, with its honoured and respected position in India, can do much to further cultural relationships and I know that this has already occupied the attention of your President and Committee. I can assure you that even after I leave this country, I shall continue to take a deep interest in its development and anything that I can do in the future to bring about a closer relationship between India and Australia will give me the greatest satisfaction. I have been much impressed with your collection of manuscripts and documents. You have indeed a collection which it is a privilege to see and which must play an important part in the research into the past history of this country. I know that these letters of Sir Joseph Banks will form a valuable addition to your collection—and it gives me the greatest pleasure to present them to you.'

[His Excellency then presented to the Society the manuscript letters which were found in a volume which was received by the President.]

Before closing the function the General Secretary, Dr. Kalidas Nag, proposed a hearty vote of thanks to His Excellency on behalf of the Society.]

(Note.—At the invitation of the Council, His Excellency took tea with the Council Members at 5 p.m. Before the presentation ceremony, he inspected certain old and rare manuscripts and Copperplates, which were especially arranged in the Library reading room for his inspection. His Excellency evinced keen interest in them.)

At the conclusion of the Special General Meeting His Excellency left the Society and an Ordinary Monthly Meeting was held with Prof. M. N. Saha (in the Chair).

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of 25 presentations of books, etc., received by the Society's library last month which had been exhibited on the table.

The following candidates were balloted for election as Ordinary Members:—

(245) *Sharma, Behari Lal*, Manager, Golden Soap Factory, Ltd., 171/1A Harrison Road, Calcutta.

Proposer: N. C. Bharti. Second: Shankar Mukerji.

(246) *Himatsingka, Madanlal*, Merchant and Manufacturer, 25 Burtola Street, Calcutta.

Proposer: N. C. Bharti. Second: Shankar Mukerji.

(247) *Singhania, Balabux*, Electrical Merchant, 119A Chittaranjan Avenue, Calcutta.

Proposer: B. S. Guha. Second: Chhotelal Jain.

(248) *Wadud, K. A.*, M.A., Superintendent, The 'Statesman', Ltd., 14 Dayal Singh Mansions, The Mall, Lahore.

Proposer: B. S. Guha. Second: Chhotelal Jain.

(249) *Pandit, Abani Nath*, Managing Director, Minerva Banking Corporation, Ltd., 30 Harrison Road, Calcutta.

Proposer: B. S. Guha. Second: Chhotelal Jain.

(250) *Sen, Tara Kumar*, M.A., Educationist, 259 Upper Chitpur Road, Calcutta.

Proposer: R. D. Chokhany. Second: B. S. Guha.

(251) *Arnab, Sachidulal*, Pleader, 10 Kundu Lane, Bhawanipore, Calcutta.

Proposer: Chhotelal Jain. Second: K. Nag.

(252) *Smyth, Robert Patterson*, Lt.-Col., R.A.M.C., M.B., B.Ch., B.A.O., C.A.S.(M.) Adv. H.Q., ALFSEA, S.E.A.C.

Proposer: Chhotelal Jain. Second: K. Nag.

(253) *Basu, Sib Kumar*, Dairy-Expert (Denmark), 47 Harrison Road, Calcutta.

Proposer: B. N. Ghosh. Second: B. B. Mukherji.

(254) *Sugla, Hardatta Rai*, Advocate, c/o Messrs. Birla Bros. Ltd., 8 Royal Exchange Place, Calcutta.

Proposer: K. Nag. Second: B. M. Agrawal.

(255) *Nowlakha, Chunilal*, Banker, 118B Chittaranjan Avenue, Calcutta.

Proposer: K. Nag. Second: B. M. Agrawal.

(256) *Mukherjee, Radha Kumud*, M.A., Ph.D., formerly Head of the Dept. of History, Lucknow University; 39 Ekdalia Road, Ballygunge, Calcutta.

Proposer: O. C. Ganguly. Second: K. Nag.

(257) *Gokhale, N. G.*, B.Sc. (Lond.), Technical Officer (A.C.E.A.), Ordnance Factories Division, D.G.M.P., Dept. of Supply, Govt. of India; Y.M.C.A., 25 Chowringhee, Calcutta.

Proposer: P. J. Gomes. Second: O. Lacombe.

(258) *Bagchi, Hiranmay*, B.Sc., R.A., Registered Accountant, 7E Mysore Road, Calcutta.

Proposer: R. Chatterjee. Second: G. D. Ganguly.

(259) *Paul, Surendra Nath*, M.Sc., Biochemist, Presidency General Hospital; 98/7 Russa Road, Calcutta.

Proposer: R. Chatterjee. *Seconder*: G. D. Ganguly.

(260) *Roy, Bimal*, B.L., R.A., Registered Accountant, Auditor, 139 Janak Road, Calcutta.

Proposer: R. Chatterjee. *Seconder*: G. D. Ganguly.

The General Secretary reported the following loss of membership, since the last meeting, by resignation:—

(6) E. W. Wright (An Ordinary Member, 1942).

(7) J. S. Turner (An Ordinary Member, 1945).

The General Secretary reported that the election of:

(17) Mr. B. Chakravorti (elected on 2-4-45)

(18) Mr. P. C. Ghosh (elected on 2-4-45)

had become null and void under Rule 9.

The General Secretary reported that

(4) L. W. Abbey (elected on 2-4-45)

had withdrawn his application for membership.

The following paper was read:—

1. D. C. SIRCAR.—*The Maukharis and the Later Guptas.*

In the opinion of the author, the Maukharis, who were originally feudatories of the Imperial Guptas, came to be in possession of large parts of Bihar and U.P. on the collapse of the Imperial power. It refutes the theory that the Later Guptas and not the Maukharis succeeded the Imperial Guptas in the rule of Bihar. His argument is based on a revised reading of the relevant portions of Deo Barnak inscription of Jivitagupta II. The village granted was Vārunikā, identified with Deo Barnak, 25 miles south-west of Arrah in Bihar, which, the record states, was formerly in the possession of Śarvavarman and Avantivarman, no doubt Maukhari rulers of the same name. The view that the village granted might have been Kiśoravātaka has no foundation as such a name, wrongly and doubtfully read by Fleet, does not appear in the record at all. The evidence of the Deo Barnak inscription, together with the discovery of earlier inscriptions of Maukhari kings from the Gaya District and the reference in an epigraph of the Pāṇḍu-varṃśī kings of South Kośala to Sūryavarman, evidently son of Isānavarman of the same name, as being born in the Varman family holding sway over Magadha, conclusively proves that the Maukharis were in possession of parts of Bihar on the collapse of the Imperial Guptas. The Later Guptas, as is recorded in the *Harshacharita*, were originally rulers of Malwa and it is only after the death of Harshavardhana that they came to be in possession of Bihar.

The Chairman then announced the result of the ballot for the election of Ordinary Members and declared that all candidates had been duly elected.

The Chairman announced that, unless special notice was given, there would be no Monthly Meetings during the recess months, September and October.

After the termination of the above proceedings the Chairman requested Mr. A. M. Mustafa, M.B.E., Assistant Director of Agriculture, Bengal, to

open a discussion on 'Fruit development in Bengal' and invited the audience to take part in the discussion.

In conclusion the Chairman thanked Mr. Mustafa, on behalf of the Society, for his interesting lecture.



NOVEMBER, 1945

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 5th, at 5-30 P.M.

PRESENT

MAJOR H. HOBBS, V.D., a Member of the Society, in the Chair.

Members :

Ahmed, Dr. Nazir
Burman, Mr. D.
Chatterjee, Mr. P. P.

Nag, Dr. K.
Saraswati, Mr. S. K.
Slinger, Mr. F. C. P.
and others.

Visitor :

Mr. Ahmad Latif.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of 39 presentations of books, etc., received during July and August, for the library, which had been exhibited on the table.

The General Secretary reported that the following candidates had been elected Ordinary Members by the Council, during the recess months, under Rule 7 :—

(261) *Chaudhuri, Miss Uma*, Research Student, 26 Beltala Road, Calcutta.

Proposer: B. S. Guha. Seconder: K. Nag.

(262) *Poddar, Lakshminarain*, 161/1 Harrison Road, Calcutta.

Proposer: B. M. Agrawal. Seconder: B. Tharad.

(263) *Mojumder, Deba Brata*, Agent, Royal Insurance Co., 26 Dalhousie Square, Calcutta.

Proposer: A. B. Md. S. Chowdhury. Seconder: K. P. Khaitan.

(264) *Basu, Suhrid Krishna*, Fellow, Theosophical Society, 1-A Beniapukur Road, Entally, Calcutta.

Proposer: K. Nag. Seconder: K. P. Khaitan.

(265) *Lal, Guru Sharan*, Vice-President of the Federation of Indian Chambers of Commerce, Messrs. Bhadani Bros., 15 Clive Row, Calcutta.

Proposer: K. P. Khaitan. Seconder: T. K. Sen.

(266) *Miles, George C.*, M.A., Ph.D., Commander, U.S. Navy Reserve, U.S. Naval Liaison Officer, 6 Church Lane, Calcutta.

Proposer: K. P. Khaitan. Seconder: T. K. Sen.

(267) *Kishore, Brij, Bhatnagar*, B.A., LL.B., Kamdar, Gaurihar State, C.I., Banda.

Proposer: K. Nag. Seconder: S. L. Hora.

The following candidates were balloted for election as Ordinary Members:—

(268) *Ganguli, Amiya Kanta*, B.A., B.L., Regional Movement Officer (Civil Supply Dept.), 22 Lansdowne Terrace, Calcutta.

Proposer: Shankar Mukerji. *Seconder*: N. C. Bharti.

(269) *Ganguli, Arun*, L.D.S. (Vienna), D.D.Sc. (U.S.A.), F.I.C.D., Dental Surgeon, Visiting Surgeon and Teacher of Dental Surgery, Carmichael Medical College and Hospitals; 26 Chowringhee, Calcutta.

Proposer: N. C. Bharti. *Seconder*: Shankar Mukerji.

(270) *Gangoly, Aryanath*, Zemindar and Merchant, 84-B Shambhu Nath Pandit Street, Elgin Road P.O., Calcutta.

Proposer: O. C. Gangoly. *Seconder*: K. Nag.

(271) *Goenka, Pyarelal*, Banker and Merchant, Lal Bazar, Bettiah, Dist. Champaran.

Proposer: Shankar Mukerji. *Seconder*: N. C. Bharti.

(272) *Lahiri, S. K.*, F.R.G.S. (London), F.R.S.G.S. (Edin.), F.R.E.S. (Lond.) Publisher and Educationist, 65/3 Harrison Road, Calcutta.

Proposer: K. P. Khaitan. *Seconder*: P. C. Mitra.

(273) *Arya, Vijay Kumar*, Managing Partner, Allied Publications, 123 Chittaranjan Avenue, Calcutta.

Proposer: Shankar Mukerji. *Seconder*: N. C. Bharti.

(274) *Lall, Madan Mohon*, Works Manager, E. R. Joseph & Co., c/o Major Dev Datt, 166C Lansdowne Road, Calcutta.

Proposer: K. M. Asadullah. *Seconder*: K. P. Khaitan.

(275) *Taylor, George Thomas*, Member of Royal Central Society, Chief Officer, Dredger and Despatch Service, c/o Calcutta Port Commissioners, 15 Strand Road, Calcutta.

Proposer: K. Nag. *Seconder*: K. P. Khaitan.

(276) *Mohammed, Faqir*, Author and Journalist and Film Journalist, Secretary, India Film Journalists' Association, 3341 Eidgah Extension, Mysore City.

Proposer: A. B. Md. S. Chowdhury. *Seconder*: K. P. Khaitan.

(277) *Raparia, Tara Chand*, B.A., Merchant, Belanganj, Agra.

Proposer: Verrier Elwin. *Seconder*: W. G. Archer.

(278) *Matihai, Duleep C.*, Covenanted Assistant, McLeod & Co., Ltd., 1, 2 and 3 Old Court House Street; Room No. 303, Great Eastern Hotel, Calcutta.

Proposer: H. I. Mathews. *Seconder*: N. G. Gokhale.

(279) *Hutchinson, William*, Chartered Accountant, Partner, Ford, Rhodes, Thornton & Co., Tower House, Chowringhee Square, Calcutta.

Proposer: Sir Cyril S. Fox. *Seconder*: W. G. Archer.

(280) *Bhattacharya, Vishwa Nath*, M.A., LL.B., Businessman, 60/3 Dhurumtala Street, Calcutta.

Proposer: P. C. Mitra. *Seconder*: A. B. Md. Sultan-ul-Alam Chowdhury.

(281) *Bhattacharya, Sushil Chandra*, M.A., Businessman, 60/3 Dhurumtala Street, Calcutta.

Proposer: P. C. Mitra. *Seconder*: A. B. Md. Sultan-ul-Alam Chowdhury.

(282) *Mitra, Miss Eva*, M.A., Lecturer in Botany, Victoria Institution; 14 Chowringhee Terrace, Calcutta.

Proposer: A. B. Md. S. Chowdhury. *Seconder*: Verrier Elwin.

(283) *Soni, R. L.*, M.B., B.S., F.R.H.S. (Lond.), c/o Ven. Jinaratna, Mahabodhi Society, College Square, Calcutta.

Proposer: K. Nag. *Seconder*: A. B. Md. S. Chowdhury.

(284) *Jatia, Nathmal*, M.A., Research Fellow, Calcutta University; 150 Chittaranjan Avenue, Calcutta.

Proposer: Satkori Mookerjee. *Seconder*: N. C. Vedantatirtha.

(285) *Lodha, Kalyan Mal*, M.A., Lecturer in Hindi in Jaipuria College, 42 Vivekananda Road, Calcutta.

Proposer: K. P. Khaitan. *Seconder*: Verrier Elwin.

(286) *Rao, U. Shanker*, Master Pilot, Bengal Pilot Service, 25A Palit Street, Ballygunge, Calcutta.

Proposer: Verrier Elwin. *Seconder*: W. G. Archer.

In accordance with No. 2 of the Regulations regarding Institutional Membership, the General Secretary reported the following institutions had been admitted as Institutional Members of the Society by the Council:—

- (1) New Vedic Research Society, Jaipur City.
- (2) All-India Radio, Government of India.

The General Secretary reported the following loss of membership, since the last meeting, by death:—

- (3) C. S. Middlemiss (An Ordinary Member, 1884, An Ordinary Fellow, 1912. He was one of the Seniormost Ordinary Members and Fellows of the Society.)

The General Secretary reported the following loss of membership since the last meeting, by resignation.

- (8) Mr. Ian Stewart (An Ordinary Member, 1945).
- (9) Mr. R. A. Subramanyam (An Ordinary Member, 1941).
- (10) Mr. Amar C. Bose (An Ordinary Member, 1944).
- (11) Mrs. C. Gillies (An Ordinary Member, 1945).

The General Secretary reported that the election of

- (19) N. P. Narhar (elected on 6-6-45)

had become null and void, under Rule 9.

The General Secretary reported that the following members had been appointed by the Council to serve on various Medal Advisory Boards:—

- (a) *Barclay Memorial Medal (Medicine)*.

Biological and Medical Secretaries (*ex-officio*), Dr. S. C. Law, Dr. K. N. Bagchi, Dr. K. Nag and Dr. A. C. Ukil.

- (b) *Annandale Memorial Medal (Anthropology)*.

Anthropological, Biological and Medical Secretaries (*ex-officio*), Mr. K. P. Chattopadhyaya, and Mr. T. C. Das.

- (c) *Dr. B. C. Law Gold Medal (History, Philosophy, etc.)*.

Philological Secretary and Dr. B. C. Law (*ex-officio*), Dr. R. C. Majumdar, the Hon'ble Mr. Justice N. G. A. Edgley and Dr. S. K. Chatterji.

- (d) *R.B. S. C. Roy Memorial Medal*.

Anthropological Secretary and a nominee of Mrs. S. C. Roy (*ex-officio*), Mr. K. P. Chattopadhyaya, Mr. L. R. Fawcus, Dr. K. Nag and Mr. T. C. Das.

In accordance with Rules 2 and 13, the General Secretary reported that the Council, since the last Ordinary Monthly Meeting, had recommended the election of the following gentlemen as Associate Members of the Society for a period of 5 years:—

- (1) Pandit Vanamali Vedantatirtha and
- (2) Mr. Jogendranath Gupta.

The General Secretary stated the grounds on which the Council had made the recommendation.

The following paper was read:—

1. NAZIR AHMAD.—*A small Collection of Vertebrates from high Altitudes in Kashmir State.*

The paper contains ecological notes and a short systematic account of the aquatic and terrestrial Vertebrates that were collected during the author's march through Kashmir.

The collection includes several tadpoles and adults of *Cophophryne sikkimensis* which have hitherto been known from Sikkim only. The present record from Kashmir, therefore, is interesting and extends the range of distribution of the species considerably westwards along the Himalayas.

After the reading of the paper, the following exhibit was shown and commented upon:—

1. R. C. MAJUMDAR.—*Two Ancient Cast Copper Coins.*

The exhibitor got these coins from Babu Nabagopal Dey, a wealthy inhabitant of Dubrajpur in the district of Birbhum. The locality where these coins were found is thus described by Mr. Dey: 'At a distance of about 4 miles to the east of the town of Dubrajpur there is a vast waste land of hard soil and stones named Giridanga the area of which is about 4 sq. miles. On the eastern side of Giridanga there is a high land, of red soil and stones, named Kalipahari of about $\frac{1}{4}$ of a mile. There are jungles all round and some villages within a range of 2 miles where runs the river Bakeswar. There are also ruins of a fort of the Muhamadan period named Krishna-nagargarh to the south of Kalipahari. Recently the soils of Kalipahari were washed by the rainy water and some cowherd boys found about 20 coins half buried in the earth. Most of these coins are said to be petrified and disfigured.'

But the two coins exhibited are in a somewhat better condition. These coins undoubtedly belong to a very early period and were in currency centuries before the beginning of the Christian era. This seems to indicate that there were some old habitations at Kalipahari or at its immediate neighbourhood. The exhibitor thinks that punch-marked or cast coins have not been discovered before in that locality. He, therefore, draws attention of the Archaeological Department to this discovery and hopes that a deliberate search in the neighbourhood would result in further important finds.

The Chairman announced the result of the ballot for the election of Ordinary Members and declared that all candidates had been duly elected.



DECEMBER, 1945

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 3rd, at 5-30 P.M.

PRESENT

PROF. MEGHNAD SAHA, D.Sc., F.R.S., President, in the Chair.

Members:

Bhatia, Mr. C. M.	Ghani, Mr. O.
Brown, Mr. Percy	Hora, Dr. S. L.
Chatterjee, Mr. R.	Lahiri, Mr. S. K.
Edgley, The Hon'ble Mr. Justice N. G. A.	Nag, Dr. K.
	Siddiqi, Dr. M. Z.

Visitor :

Mr. I. Chatterjee.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of 91 presentations of books, etc., received during September and October, which had been exhibited on the table.

The following candidates were balloted for election as Ordinary Members:—

(287) *Paper, Herbert H.*, B.A., 294, Fin. Dist. Sec. H.Q. Base Sec., A.P.O. 465 (Theatre).

Proposer: K. Nag. *Seconder:* P. C. Mitra.

(288) *Jayaswal, B. P.*, B.Sc. (B.H.U.), M.Sc. (Alld.), General Manager, Ranchi Distillery, Ranchi.

Proposer: K. Nag. *Seconder:* P. C. Mitra.

(289) *Ratna Prabha Vijayaji*, Muni Maharaja Sri, M.D. (New York), Member, Bombay Branch, R.A.S., Acharya Maharaja Sriman Nemisurisvarji, Panjra Pole Upashraya, Panjra Pole, Ahmedabad.

Proposer: K. Nag. *Seconder:* P. C. Mitra.

(290) *Sanyal, Prabhat Kumar*, M.Sc., Proprietor, Ballygunge Chemical Works, 13-C Deodar Street, Ballygunge, Calcutta.

Proposer: K. Nag. *Seconder:* P. C. Mitra.

(291) *Ghosh, Guruprasad*, M.Sc., B.L., Vyakarantirtha, Advocate, High Court, 2 Madan Mohan Dutt Lane, Nimtollah, Calcutta.

Proposer: P. C. Mitra. *Seconder:* J. C. Ghatak.

(292) *Ray, Kumudbhushan*, B.E., Civil Engineer, M.I.E. (Ind.), Deputy Chief Engineer, B. & A. Ry.; 2 Shambunath Pundit Street, Calcutta.

Proposer: J. C. Ghatak. *Seconder:* K. Nag.

(293) *Mishra, Bhagwati Shankar*, M.A., Editor, Associate, *Viswamitra*, 102 Muktarani Babu Street, Calcutta.

Proposer: V. N. Shastri. *Seconder:* P. C. Mitra.

(294) *Gordon, J. E.*, Brigadier, Eastern Command, Indian Army; H.Q. Eastern Command, c/o 12 A.B.P.O.

Proposer: W. A. Jenkins. *Seconder:* L. R. Fawcus.

(295) *Taylor, Francis Ernest Alfred*, I.C.S., Revenue Secretary to the Government of Bihar, Patna, Bihar.

Proposer: N. G. A. Edgley. *Seconder:* H. Cruickshank.

(296) *Richardson, Hugh Edward*, O.B.E., I.C.S., In Charge, British Mission, Lhasa, Tibet; c/o Messrs. Grindlay & Co., Ltd., 6 Church Lane, Calcutta.

Proposer: N. G. A. Edgley. *Seconder*: H. Cruickshank.

(297) *Rao, Motu Palli Surya Prakasa*, D.D.S., Dental Surgeon, Rajahmundry, M.S.M. Ry.

Proposer: K. Nag. *Seconder*: P. Brown.

(298) *Bose, Hemranjan*, M.A., Assistant, Finance Department, Government of India; 44/1 Canal East Road, Calcutta.

Proposer: Sir Cyril Fox. *Seconder*: K. Nag.

(299) *Siddiqi, Abdur Rahman*, M.A., LL.B., Barrister-at-Law, Chairman, Eastern Federal Union Insurance Co., Ltd., 9 Clive Street, Calcutta.

Proposer: A. F. M. Abdul Ali. *Seconder*: M. M. Haq.

(300) *Chakravarti, Bankim Chandra*, B.A., Manager, Dhalbhum Raj Estate, Ghatsila, Singbhum, B.N.R.

Proposer: D. C. Chatterji. *Seconder*: K. Nag.

(301) *Stuart, Malcolm Moncrieff*, O.B.E., I.C.S., Magistrate's House, Alipur, Calcutta.

Proposer: L. R. Fawcus. *Seconder*: J. L. Llewellyn.

The General Secretary reported the following loss of membership, since the previous meeting, by death :—

(4) *Khan Bahadur Alfazuddin Ahmed* (An Ordinary Member, 1936).

The General Secretary reported the following loss of membership, since the previous meeting, by resignation :—

(12) *V. N. Adavi* (An Ordinary Member, 1944).

(13) *V. Vedantatirtha* (An Ordinary Member, 1936).

The General Secretary reported that the election of

(20) *Mr. D. J. J. West* (elected on 3-7-45)

(21) *Mr. K. A. Wadud* (elected on 6-8-45)

(22) *Mr. A. N. Pandit* (elected on 6-8-45)

(23) *Mr. S. Arnab* (elected on 6-8-45)

had become null and void, under Rule 9.

The General Secretary reported that the Council, since the last Ordinary Monthly Meeting, had nominated *Dr. S. P. Agharkar* and *Dr. K. N. Bagchi* to represent the Society on the Council of the National Institute of Sciences of India as an additional Vice-President and an additional Member of Council respectively for 1946.

The Chairman called upon *Dr. Hora* to read the following papers :—

1. *Preliminary Observations on the Bionomics, Reproduction and embryonic Stages of Palaemon idae* Heller, by *S. Nataraj*.

Though a number of species of *Palaemon* have been recorded from India, some of which are of considerable importance, the bionomics, reproduction and life-history of even the common species are unknown. The chief and probably the only contribution on the subject is a description of the larval forms of *Palaemon carcinus* and *P. rudis* by *Menon*.

The observations reported in this paper were recorded by the author during 1940-42 when he was engaged in an investigation of the Marine and Fresh-water Prawn Fisheries of Travancore. During the research he found that *Palaemon idae* Heller, which is one of the commonest species of fresh-water prawns in Travancore, was most suited for rearing under laboratory conditions owing to its hardy nature, convenient size and availability.

2. *A new Species of Nematode Parasite of a Lizard* (*Alaeuris rifkii*, sp. nov.), by S. A. Akhtar.

The author recovered from the intestine of a lizard (*Agama sp.*) a number of worms of the genus *Alaeuris* Thapar, 1925.

Description: These worms are white, rather stout, with thick transversely striated cuticle and often with long hairs, particularly around the vulva in the female. The wide lateral alae are present. Mouth is surrounded by three lips each bearing a small tooth-like process on its inner surface. The oesophagus is long with a bulb having chitinous blades, separated from the rest by a constriction and having valves opening into the intestine. The anterior end of the intestine is swollen and the excretory aperture is situated behind the bulb in both sexes.

After the reading of the papers, the Chairman called upon Mr. Indubhusan Chatterjee, M.Sc., L.Ag., Physiological Chemist to the Government of Bengal (retired), to open a Discussion on 'The Problems of Human and Cattle Nutrition in Bengal'.

He opened the subject with a short introduction stressing the importance of nutrition in the well-being of both man and animal. He then referred to the situation of Bengal particularly in reference to aspects forming its special features and limitations, and how their effect is reflected on the quality and quantity of food on one side and on the nutritional status of people and animal on the other. Some relevant factors were discussed and possible lines of remedial measures were suggested.

The Chairman thanked Mr. Chatterjee on behalf of the Society.

In accordance with Rules 2 and 13, the Chairman called for a ballot for the election of:—

(1) Pandit Vanamali Vedantatirtha, and (2) Mr. Jogendra Nath Gupta as Associate Members of the Society, whose names had been proposed for election at the last meeting.

The Chairman announced the result of the ballots for the election of Ordinary Members and the Associate Members and declared that all the candidates had been duly elected.

OBITUARY NOTICES

STANLEY W. KEMP, D.Sc., F.R.S., F.R.A.S.B. (1882-1945).

Indian Zoologists and Fishery Biologists learnt with deep regret the news of sudden and untimely death on May 16, 1945, of Dr. Stanley Wells Kemp who, it is known, up to the very last was helping ungrudgingly the great cause of fishery development in India. After rendering distinguished services to the Irish fisheries, he joined the staff of the Indian Museum in 1910 (from 1916, the Zoological and Anthropological Section of the Indian Museum came to be known as the Zoological Survey of India) and soon began to take interest in the activities of the Asiatic Society of Bengal. He joined the Society as an Ordinary Member on 4th May, 1910, and was elected an Ordinary Fellow in 1913. One of the most outstanding services he rendered to the cause of science in India was the compilation of a 'Catalogue of the Scientific Serial Publications in the principal libraries in Calcutta' in 1918 under the auspices of the Society. He retired from India in 1924 but continued his interest in the Society and became a Life Member in 1929.

Dr. Kemp was elected to the Council of the Society in 1912 and acted as General Secretary for sometime in the same year. He was the Library Secretary for 1914, 1915 and 1916; Biological Secretary for 1918, 1919 and 1921 and again Library Secretary for 1922.

In India, Dr. Kemp mostly worked on Decapod and Stomatopod Crustacea. He greatly enriched the collections of the Indian Museum by making methodical and systematic zoological surveys in several parts of the country. His expedition to the Abor Hills, where he found a new species of *Peripatus*, and to the Sijū Cave, where he studied cave life adaptations, will always remain as outstanding monuments to his memory in the realm of Indian Zoology.

Dr. Kemp was so modest that he could not be persuaded to preside over the Zoology Section of the Indian Science Congress. He was, however, endowed with a keen sense of humour. The most outstanding trait of his character was that he was most systematic and painstaking in every work he undertook and he was never in hurry.

His death will for long be felt as a great blow to marine biology and to the development of fishery in the British Commonwealth countries.

Dr. Kemp was born on June 14, 1882.

S. L. HORA.

(Read at the Monthly Meeting on 2nd July, 1945.)

C. S. MIDDLEMISS, C.I.E., F.R.S., F.R.A.S.B. (1859-1945).

With the death on June 11, 1945, at Tunbridge Wells, at the age of eighty-five, of Mr. Charles Stewart Middlemiss, Indian geology lost its doyen, one who will long be regarded as one of the great figures of Indian geology. Middlemiss was the son of Robert Middlemiss of Hull, where he was born on November 22, 1859. He was educated at Caistor and St. John's College, Cambridge, taking his B.A. degree in 1881. He joined the Geological Survey of India on September 20, 1883, when H. B. Medlicott was still head of the Department.

During his service, Middlemiss did field work in the Himalaya, the Salt Range, and Hazara, all in north-western India; in Coimbatore, Salem and the Vizagapatnam Hill Tracts in the Madras Presidency; in the Southern Shan States and Karenni in Burma; in Central India, Rajputana and North Bombay (Idar); and finally in Kashmir. He also investigated the earthquakes of Bengal (1885), Kangra (1905), and Calcutta (1906). During spells at headquarters he was curator of the Geological Museum (1898-99), and in charge of the headquarters office (1907-8). He was promoted deputy superintendent in 1889 and superintendent in 1895. He officiated as director for two periods, during 1914-15 and in 1916. In 1903 he paid a visit to Ceylon on deputation.

Middlemiss should have retired from the Geological Survey of India on reaching the age of fifty-five in 1914, but on account of the War his service was extended so that he did not leave the Department until April 1, 1917, after being gazetted C.I.E. in 1916. As a result of this extension, Middlemiss held the record for length of service in the Geological Survey, amounting to 33 years 6 months and 11 days (beating Medlicott by five months and eight days). Having created this record, Middlemiss then entered the service of the Maharaja of Kashmir, with the title of Superintendent, Mineral Survey, Jammu and Kashmir, from which he did not retire until his seventy-first year in 1930, after a total service in India of more than forty-six years.

Of other scientific activities, we may record that Middlemiss became an Ordinary and Life Member of the Asiatic Society of Bengal in 1884, and a Fellow in 1912, being at the time of his death the senior Member of the Society by four years and also the senior Fellow. He became a Fellow of the Geological Society of London in 1900, and was awarded the Lyell Medal in 1914. Middlemiss was elected a Fellow of the Royal Society in 1921. He was president of the Geological Section of the Fourth Indian Science Congress at Bangalore in 1917, and president of the Ninth Indian Science Congress at Madras in 1922. He was also president of the Mining and Geological Institute of India in 1928.

Middlemiss's field work may be divided into three periods: the first in north-western India, the second in Peninsular India, and the third in Kashmir and Jammu. During the first period he published his classic studies of the Swalik zones of the Sub-Himalaya, and expressed the view that the Salt Marl of the Salt Range was of a quasi-intensive nature. In his middle period he investigated the magnesite and corundum deposits of the Salem and Coimbatore districts, and produced a detailed memoir on the geology of Idar State. In his final period he succeeded in correlating the great freshwater Gondwana formation of Peninsular India with the richly fossiliferous marine sedimentary systems of the Himalayan area.

Middlemiss married Martha Frances Wheeler, daughter of Major-General Wheeler, of the Bengal Staff Corps. They had five sons and one daughter, of whom two sons died early in India, and two sons lost their lives in the War of 1914-18, in Gallipoli and France respectively.

L. L. FERMOR.

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- (b) To propose and second candidates for Ordinary Membership.
- (c) To introduce visitors at the Ordinary General Meetings and to the grounds and public rooms of the Society during the hours they are open to members.
- (d) To have personal access to the Library and other public rooms of the Society, and to examine its collections.
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